

AtriCure, Inc.
Form DEF 14A
April 10, 2015

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
SCHEDULE 14A

Proxy Statement Pursuant to Section 14(a) of the
Securities Exchange Act of 1934
(Amendment No. __)

Filed by the Registrant

Filed by a Party other than the Registrant

Check the appropriate box:

Preliminary Proxy Statement

Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))

Definitive Proxy Statement

Definitive Additional Materials

Soliciting Material Pursuant to §14a-11(c) or Rule 14a-12

AtriCure, Inc.

(Name of Registrant as Specified In Its Charter)

(Name of Person(s) Filing Proxy Statement, if other than the Registrant)

Payment of Filing Fee (Check the appropriate box):

No fee required

.. Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11

(1) Title of each class of securities to which transaction applies:

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(3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined):

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(1) Amount Previously Paid:

(2) Form, Schedule or Registration Statement No.:

(3) Filing Party:

(4) Date Filed:

ATRICURE, INC.

6217 Centre Park Drive

West Chester, Ohio 45069

NOTICE OF 2015 ANNUAL MEETING OF STOCKHOLDERS

TO BE HELD ON MAY 20, 2015

To Our Stockholders:

You are cordially invited to attend the 2015 Annual Meeting of Stockholders (Annual Meeting) of AtriCure, Inc. (the Company or AtriCure). The Annual Meeting will be held at our principal executive offices located at 6217 Centre Park Drive, West Chester, Ohio 45069 on Wednesday, May 20, 2015, for the following purposes, as more fully described in the accompanying proxy statement:

1. To elect nine directors to serve for a one-year term that expires at the 2016 Annual Meeting of Stockholders and until their successors have been duly elected and qualified;
2. To ratify the appointment of Deloitte & Touche LLP as our independent registered public accounting firm for the year ending December 31, 2015;
3. To conduct an advisory vote on the compensation of our named executive officers as disclosed in this proxy statement; and
4. To transact such other business as may properly come before the Annual Meeting.

The Annual Meeting will begin promptly at 9:00 a.m. EDT, and check-in will begin at 8:30 a.m. EDT. Only holders of record of shares of AtriCure common stock (Nasdaq: ATRC) at the close of business on April 1, 2015 will be entitled to notice of, and to vote at, the Annual Meeting and any postponements or adjournments of the Annual Meeting.

We continue to take advantage of U.S. Securities and Exchange Commission rules that allow companies to furnish their proxy materials over the Internet. As a result, we are mailing to most of our stockholders a Notice of Internet Availability of Proxy Materials (Notice) with this proxy statement and our 2014 Annual Report. The Notice contains instructions on how to access and review those documents over the Internet. The Company believes that this process allows us to provide our stockholders with the information they need in a more timely manner.

A complete list of stockholders entitled to vote at the Annual Meeting will be available for examination by any stockholder for any purpose in connection with the Annual Meeting during normal business hours at our principal executive offices for a period of at least 10 days prior to the Annual Meeting.

By order of the Board of Directors,
/s/ M. Andrew Wade
M. Andrew Wade

Senior Vice President and Chief Financial Officer

West Chester, Ohio

April 10, 2015

YOUR VOTE IS IMPORTANT!

REGARDLESS OF WHETHER YOU PLAN TO ATTEND THE ANNUAL MEETING, PLEASE PROMPTLY COMPLETE, SIGN, DATE AND RETURN THE ENCLOSED PROXY CARD IN THE ACCOMPANYING POSTAGE-PAID ENVELOPE, WHICH REQUIRES NO ADDITIONAL POSTAGE IF IT IS MAILED IN THE UNITED STATES. EVEN IF YOU HAVE VOTED BY PROXY, YOU MAY STILL VOTE IN PERSON IF YOU ATTEND THE ANNUAL MEETING. YOU MAY REVOKE YOUR PROXY AT ANY TIME BEFORE IT IS VOTED AT THE ANNUAL MEETING.

ATRICURE, INC.

*****IMPORTANT NOTICE*****

Regarding Internet Availability of Proxy Materials

for the Annual Meeting to be held on May 20, 2015

You are receiving this communication because you hold shares in the above company, and the materials you should review before you cast your vote are now available.

The proxy statement and annual report to security holders are available at:

<http://ir.atricure.com/phoenix.zhtml?c=189981&p=proxy>

ATRICURE, INC.

PROXY STATEMENT

FOR

2015 ANNUAL MEETING OF STOCKHOLDERS

The Board of Directors of AtriCure, Inc., a Delaware corporation, is soliciting the enclosed proxy from you. The proxy will be used at our 2015 Annual Meeting of Stockholders to be held on Wednesday, May 20, 2015, beginning at 9:00 a.m. EDT at our principal executive offices located at 6217 Centre Park Drive, West Chester, Ohio 45069, and at any postponements or adjournments thereof. This proxy statement contains important information regarding the 2015 Annual Meeting of Stockholders. Specifically, it identifies the matters upon which you are being asked to vote, provides information that you may find useful in determining how to vote and describes the voting procedures.

In this proxy statement: the terms *we*, *our*, *us*, *AtriCure* and the *Company* each refer to AtriCure, Inc.; the term *Board* means our Board of Directors; the term *proxy materials* means this proxy statement, the enclosed proxy card and our Annual Report on Form 10-K for the year ended December 31, 2014, filed with the U.S. Securities and Exchange Commission (SEC); and the term *meeting* means our 2015 Annual Meeting of Stockholders, including any postponements or adjournments thereof.

We are sending these proxy materials on or about April 10, 2015 to all stockholders of record at the close of business on April 1, 2015 (the Record Date).

QUESTIONS AND ANSWERS REGARDING THIS SOLICITATION

AND VOTING AT THE ANNUAL MEETING

Why am I receiving these proxy materials?

We sent you these proxy materials because our Board is soliciting your proxy to vote at the meeting. As a stockholder of record at the close of business on April 1, 2015, you are invited to attend the meeting and are entitled to and requested to vote on the items of business described in this proxy statement.

What information is contained in this proxy statement?

The information in this proxy statement relates to the proposals to be voted on at the meeting, the voting process, the compensation of our directors and most highly paid executive officers during 2014 and certain other required information.

Who is entitled to vote at the meeting?

Only stockholders who owned our common stock at the close of business on April 1, 2015 are entitled to notice of and to vote at the meeting and at any postponements or adjournments thereof. If you are not a stockholder of record but hold shares in street name (that is, through a broker or nominee), you will need to provide proof of beneficial ownership as of April 1, 2015, such as your most recent brokerage account statement, a copy of the voting instruction card provided by your broker, trustee or nominee, or other similar evidence of ownership. All stockholders should be prepared to present photo identification for admittance.

What items of business will be voted on at the meeting?

The items of business scheduled to be voted on at the meeting are:

1. The election of nine nominees to serve as directors on our Board;
2. The ratification of the appointment of our independent registered public accounting firm for the 2015 year; and
3. An advisory vote on the compensation of our named executive officers as disclosed in this proxy statement.

These proposals are described more fully below. As of the date of this proxy statement, this is the only business that our Board intends to present or knows of that others will present at the meeting. If any other matter or matters are properly brought before the Annual Meeting, or any postponement or adjournment thereof, each properly executed proxy card will be voted in the discretion of the proxies named therein.

How does the Board of Directors recommend that I vote?

Our Board recommends that you vote your shares:

1. FOR each of the director nominees;
2. FOR the ratification of our independent registered public accounting firm for 2015; and
3. FOR the approval of the compensation of our named executive officers.

What are my voting rights?

On each matter to be voted upon, you have one vote for each share of common stock you own as of April 1, 2015. You may vote all shares owned by you as of April 1, 2015, including (1) shares held directly in your name as the *stockholder of record* and (2) shares held for you as the *beneficial owner* through a broker, trustee or other nominee such as a bank.

What constitutes a quorum?

A quorum is required to conduct business at the meeting. The presence at the meeting, in person or by proxy, of the holders of a majority of the shares of our common stock entitled to vote at the meeting will constitute a quorum. As of April 1, 2015, 28,362,693 shares of our common stock were outstanding. Both abstentions and broker non-votes are counted for the purpose of determining the presence of a quorum.

What is the difference between holding shares as a stockholder of record and as a beneficial owner?

If your shares are registered directly in your name with our transfer agent, American Stock Transfer & Trust Company, you are considered, with respect to those shares, the *stockholder of record*, and these proxy materials are being sent directly to you by us. As the *stockholder of record*, you have the right to grant your voting proxy directly to the persons named as proxy holders or to vote in person at the meeting. We have enclosed a proxy card for your use.

If your shares are held in a brokerage account or by another nominee, you are considered the *beneficial owner* of shares held in *street name*, and these proxy materials are being forwarded to you together with a voting instruction card. As the beneficial owner, you have the right to direct your broker, trustee or nominee how to vote and are also invited to attend the meeting. Please note that since a beneficial owner is not the *stockholder of record*, you may not vote these shares in person at the meeting unless you obtain a legal proxy from the broker, trustee or nominee that holds your shares, which gives you the right to vote the shares at the meeting. Your broker, trustee or nominee has enclosed or provided voting instructions for your use in directing the broker, trustee or nominee as to how you would like them to vote your shares.

How can I vote my shares in person at the meeting?

Shares held in your name as the stockholder of record may be voted in person at the meeting. Shares held beneficially in street name may be voted in person only if you obtain a legal proxy from the broker, trustee or nominee that holds your shares, which gives you the right to vote the shares. Even if you plan to attend the meeting, we recommend that you also submit your proxy card or voting instructions as described below so that your vote will be counted if you later decide not to, or are unable to, attend the meeting.

Can I vote my shares without attending the meeting?

Whether you hold shares directly as the stockholder of record or beneficially in street name, you may direct how your shares are voted without attending the meeting. Stockholders of record may submit proxies by completing, signing and dating their proxy cards and mailing them in the accompanying pre-addressed envelope. Stockholders holding shares beneficially in street name may vote by mail by completing, signing and dating the voting instruction cards provided by their broker, trustee or nominee and mailing them in the accompanying pre-addressed envelope.

What if I want to revoke and change my vote?

You may change your vote at any time prior to the vote at the meeting. If you are the stockholder of record, you may change your vote by granting a new proxy bearing a later date (which automatically revokes the earlier proxy), by providing a written notice of revocation to our Secretary prior to your shares being voted or by attending the meeting and voting in person. Please note that attending the meeting will not cause your previously granted proxy to be revoked unless you specifically so request. For shares you hold beneficially in street name, you may change your vote by submitting new voting instructions to your broker, trustee or nominee, or, if you have obtained a legal proxy from your broker, trustee or nominee which gives you the right to vote your shares, by attending the meeting and voting in person.

What vote is required to approve each item and how are votes counted?

The vote required to approve each item of business and the method for counting votes is set forth below:

Election of Directors. The nine director nominees receiving the highest number of affirmative **FOR** votes at the Annual Meeting (a plurality of votes cast) will be elected to serve as directors. You may vote **FOR** all of the director nominees or **WITHHOLD** your vote for any or all director nominees. A properly executed proxy marked **WITHHOLD** with respect to the election of one or more director nominees will not be voted with respect to the director or directors indicated, although it will be counted for purposes of determining whether there is a quorum.

Ratification of the Independent Registered Public Accounting Firm. For the approval of the ratification of the independent registered public accounting firm, the affirmative **FOR** vote of a majority of the shares represented in person or by proxy and entitled to vote will be required for approval. You may vote **FOR**, **AGAINST** or **ABSTAIN** for this item of business. If you **ABSTAIN**, your abstention has the same effect as a vote **AGAINST**.

Advisory Vote on Compensation of Named Executive Officers. For the approval, on an advisory basis, of the compensation of our named executive officers, the affirmative **FOR** vote of a majority of the shares represented in person or by proxy and entitled to vote will be required for approval. You may vote **FOR**, **AGAINST** or **ABSTAIN** for this item of business. If you **ABSTAIN**, your abstention has the same effect as a vote **AGAINST**.

If you provide specific instructions with regard to certain items, your shares will be voted as you instruct on such items. If you sign your proxy card or voting instruction card without giving specific instructions, your shares will be voted in accordance with the recommendations of the Board (**FOR** all of the nominees to the

Board, FOR ratification of the independent registered public accounting firm, FOR the approval of the compensation of our named executive officers and in the discretion of the proxy holders on any other matters that properly come before the meeting).

What is a broker non-vote ?

Under the rules that govern brokers who have record ownership of shares that are held in street name for their clients who are the beneficial owners of the shares, brokers have the discretion to vote such shares on routine matters. The ratification of the appointment of an independent public accounting firm (Proposal 2) is considered a routine matter. Your broker, therefore, may vote your shares in its discretion on this routine matter if you do not instruct your broker how to vote on them. If a matter is not considered routine, then your broker is prohibited from voting your shares on the matter unless you have given voting instructions on that matter to your broker. **Because Proposal 1 (election of directors) and Proposal 3 (advisory vote on compensation of named executive officers) are not considered routine, brokers holding shares for their customers will not have the ability to cast votes with respect to Proposals 1 and 3 unless they have received instructions from their customers. It is important, therefore, that you provide instructions to your broker if your shares are held by a broker so that your votes with respect to Proposals 1 and 3 are counted. Your broker, therefore, will need to return a proxy card without voting on Proposals 1 and 3 if you do not give voting instructions with respect to these matters. This is referred to as a broker non-vote.**

How are broker non-votes counted?

Broker non-votes will be counted for the purpose of determining the presence of a quorum for the transaction of business, but they will not be counted in tabulating the voting result for any particular proposal.

How are abstentions counted?

If you return a proxy card that indicates an abstention from voting, the shares represented will be counted for the purpose of determining both the presence of a quorum and the total number of shares represented and entitled to vote with respect to a proposal (other than with respect to the election of directors), but they will not be voted on any matter at the meeting. Accordingly, abstentions will have the same effect as a vote AGAINST Proposals 2 and 3.

What happens if additional matters are presented at the meeting?

Other than the three proposals described in this proxy statement, we are not aware of any other business to be acted upon at the meeting. If you grant a proxy, the persons named as proxy holders, Michael H. Carrel (our President and Chief Executive Officer) and M. Andrew Wade (our Senior Vice President and Chief Financial Officer), will have the discretion to vote your shares on any additional matters properly presented for a vote at the meeting. If, for any unforeseen reason, any of our nominees is not available as a candidate for director, the persons named as proxy holders will vote your proxy for such other candidate or candidates as may be nominated by our Board.

Who will serve as inspector of election?

The Secretary of the Company will tabulate the votes and act as inspector of election at the meeting.

What should I do in the event that I receive more than one set of proxy/voting materials?

You may receive more than one set of these proxy materials, including multiple copies of this proxy statement and multiple proxy cards or voting instruction cards. For instance, if you hold your shares in more than one brokerage account, you may receive a separate voting instruction card for each brokerage account in which

you hold shares. In addition, if you are a stockholder of record and your shares are registered in more than one name, you may receive more than one proxy card. Please complete, sign, date and return each proxy card and voting instruction card that you receive to ensure that all of your shares are voted.

Who is soliciting my vote and who will bear the costs of this solicitation?

Your vote is being solicited on behalf of the Board, and the Company will bear the entire cost of solicitation of proxies, including preparation, assembly, printing and mailing of this proxy statement. In addition to these mailed proxy materials, our directors and employees may also solicit proxies in person, by telephone, by e-mail or by other means of communication. Directors and employees will not be paid any additional compensation for soliciting proxies. We may reimburse brokerage firms, banks and other agents for the cost of forwarding proxy materials to beneficial owners. We may also engage the services of a professional proxy solicitation firm to aid in the solicitation of proxies from certain brokers, bank nominees and other institutional owners. Our costs for such services, if retained, will not be material.

Where can I find the voting results of the meeting?

We intend to announce preliminary voting results at the meeting and publish final results in a Current Report on Form 8-K to be filed with the United States Securities and Exchange Commission within four business days after the meeting.

What is the deadline to propose actions for consideration at next year's annual meeting of stockholders or to nominate individuals to serve as directors?

As a stockholder, you may be entitled to present proposals for action at a future meeting of stockholders, including director nominations.

Stockholder Proposals: For a stockholder proposal to be considered for inclusion in our proxy statement for the annual meeting to be held in 2016 (2016 Annual Meeting), the written proposal must be received by the Secretary of AtriCure at our principal executive offices no earlier than November 12, 2015 and no later than December 12, 2015. However, if the date of our 2016 Annual Meeting changes by more than 30 days from the date of the meeting, then your notice must be received no later than the close of business on the later of (i) the 150th day prior to the date of the 2016 Annual Meeting or (ii) the 10th day following the date we make a public announcement of the date of the 2016 Annual Meeting. Any notices delivered outside of these dates shall be considered untimely. Such proposals must provide the information required by our Bylaws and also must comply with the requirements of Regulation 14A of the Securities Exchange Act of 1934 and any other applicable rules established by the SEC. Proposals should be addressed to:

AtriCure, Inc.

Attn: Secretary

6217 Centre Park Drive

West Chester, Ohio 45069

Nomination of Director Candidates: You may propose director candidates for consideration by our Board. Any such recommendations should include the nominee's name and qualifications for Board membership and should be directed to our Secretary at the address set forth above. In addition, our Bylaws permit stockholders to nominate directors for election at an annual meeting of stockholders. To nominate a director, the stockholder must provide the information required by our Bylaws, as well as a statement by the nominee consenting to being named as a nominee and to serve as a director if elected. In addition, the stockholder must give timely notice to our Secretary in accordance with the provisions of our Bylaws, which require that the notice be received by our Secretary no earlier than November 12, 2015 and no later than December 12, 2015.

Copy of Bylaw Provisions: You may contact our Secretary at our principal executive offices for a copy of the relevant Bylaw provisions regarding the requirements for making stockholder proposals and nominating director candidates.

PROPOSAL ONE ELECTION OF DIRECTORS

The Board of Directors

Our Amended and Restated Certificate of Incorporation provides that each director shall be elected at each annual meeting of stockholders for a term of one year. Our Board currently consists of the following nine directors: Michael H. Carrel, Mark A. Collar, Scott W. Drake, Michael D. Hooven, Richard M. Johnston, Elizabeth D. Krell, Ph.D., Mark R. Lanning, Karen P. Robards and Robert S. White, each of whose terms expire at this meeting.

Director Nominees

The Nominating and Corporate Governance Committee recommended and the Board nominated the following people, all of whom are current directors, for re-election as directors: Michael H. Carrel, Mark A. Collar, Scott W. Drake, Michael D. Hooven, Richard M. Johnston, Elizabeth D. Krell, Ph.D., Mark R. Lanning, Karen P. Robards and Robert S. White. If elected, these nominees will hold office as directors until our 2016 Annual Meeting and until their respective successors are elected and qualified or until their earlier death, resignation or removal.

Biographical Information of Directors and Director Nominees

The names of each member of the Board and nominee for director, where indicated, their ages as of April 1, 2015, length of service on the Board and certain biographical information is as follows:

Richard M. Johnston. Mr. Johnston, 80, has served as one of our directors since June 2002 and as Chairman of the Board since February 2005. From 2000 to 2010, Mr. Johnston served as a Managing Member of Camden Partners Holdings, LLC, a private equity firm, and he is now a Retired Member of that firm and provides certain consulting services to it. Mr. Johnston currently serves as a director of BioMedical Enterprises, Inc. Mr. Johnston has previously served as director of privately-held LipoScience Inc., Lombard Medical Technologies PLC, a publicly-held company in the United Kingdom, Medivance, Inc. and Webmedx, Inc., all Camden Partners portfolio companies. He also served as Chairman of privately-held Picis, Inc. as well as a director of Pet DRx Corporation, a publicly-held company. From 1961 to 2000, Mr. Johnston was employed by The Hillman Company, an investment holding company with diversified operations, where he served from 1970 to 2000 as Vice President, Investments and as a director. From 1979 to 2003, Mr. Johnston was Chairman of the Board of The Western Pennsylvania Hospital and its successors, The Western Pennsylvania Healthcare System and West Penn Allegheny Health System. Mr. Johnston received his B.S. from Washington and Lee University and his M.B.A. from The Wharton School at the University of Pennsylvania. Mr. Johnston's service as a director of several medical device companies and chairman of the board of a large healthcare system provides him insight into the high-level corporate governance, executive compensation and business management matters that the Company and the Board consider on a regular basis.

Michael H. Carrel. Mr. Carrel, 44, has served as President, Chief Executive Officer and director since November 2012. Mr. Carrel served as President and Chief Executive Officer of Vital Images, a publicly-traded medical imaging software company from 2008 until 2012 until it was sold to Toshiba. Mr. Carrel originally joined Vital Images in January 2005 as Chief Operating Officer and Chief Financial Officer. Prior to Vital Images, Mr. Carrel was President and CEO of Zamba Corporation, a publicly-traded technology company and Chief Financial Officer of NextNet Wireless, a privately-held provider of non-line-of-sight plug and play broadband wireless access systems, now part of Motorola. Mr. Carrel is a member of the Board of Directors of Lombard Medical, Inc. and the American Heart Associations of Cincinnati and Minnesota. Mr. Carrel holds a B.S. in Accounting from The Pennsylvania State University and an M.B.A. from The Wharton School at the University of Pennsylvania.

Mark A. Collar. Mr. Collar, 62, has served as one of our directors since February 2008. Mr. Collar retired in 2008 as an officer within the Procter and Gamble Company where his roles included President of the Global Pharmaceuticals and Personal Health business. Mr. Collar joined Procter and Gamble in 1975 as a sales representative, then moved into advertising, and subsequently assumed roles of progressive responsibility within the Health and Personal Care, Beauty Care, New Business Development, Pharmaceuticals and Personal Health Care Products divisions over his 32-year career. Mr. Collar, who now owns his own investment and consulting business, is a director of First Financial Bancorp, a publicly-held bank holding company and Enable Injections, a start-up company focusing on high volume injection devices for biologic drugs, and serves in director and advisory roles in several philanthropic, academic and economic development organizations. Mr. Collar received his B.S. from Northern Illinois University. Mr. Collar's experience as a public company executive and board member provides him insight into high-level corporate governance and business management matters which the Board considers on a regular basis.

Scott W. Drake. Mr. Drake, 47, has served as one of our directors since September 2013. Mr. Drake currently serves as President and Chief Executive Officer of the Spectranetics Corporation. Spectranetics is a publicly-held growth company that develops, manufactures and distributes single-use medical devices used in minimally invasive procedures within the cardiovascular system. The company's products are sold in more than 40 countries and are used to access and treat arterial blockages in the legs and heart and to remove pacemaker and defibrillator cardiac leads. The 2014 acquisition of AngioScore, Inc. broadened the company's portfolio of highly differentiated technologies and supports the organization's aggressive growth trajectory. Prior to joining Spectranetics, Mr. Drake served as Senior Vice President, Operations of DaVita, Inc., a leading U.S. provider of kidney care and dialysis, from 2009 to August 2011. Previously, Mr. Drake held several positions of increasing responsibility within various healthcare business units at Covidien, Plc over a period of 17 years, including: Global Business Unit President, Respiratory and Monitoring Solutions, President, Valleylab (re-named as the Surgical Solutions Group) and Vice President and General Manager, Critical Care. Mr. Drake is an EY 2014 Entrepreneur Of The Year. He serves on the Board of Directors for the Spectranetics Corporation, Just Right Surgical, and the Medical Device Manufacturers Association (MDMA). Mr. Drake holds a B.S. in Business Administration from Miami University of Ohio. As a seasoned executive, Mr. Drake has significant leadership experience managing growing businesses, achieving sustainable revenue growth and driving operational improvements which the Board considers as valuable skills for evaluating and improving the Company's competitive position.

Michael D. Hooven. Mr. Hooven, 59, is one of our founders and has served as a director since August 2002 and as a consultant during 2007 and 2009. From August 2002 through December 2006, Mr. Hooven served as Chief Technology Officer, and from August 2002 through February 2005, he served as Chairman of the Board. From November 2000 to August 2002, he served as our President and Chief Executive Officer. Mr. Hooven is currently President and Chief Executive Officer of Enable Injections, a start-up company focusing on high volume injection devices for biologic drugs. From 1994 until its acquisition by AtriCure in August, 2005, Mr. Hooven served as President and Chief Executive Officer and Chairman of Enable Medical Corporation, a developer and manufacturer of surgical instruments that Mr. Hooven co-founded. In 2012 Mr. Hooven was appointed by the Governor to the Ohio Third Frontier Advisory Board, a \$2 billion state-funded initiative to promote high-tech business growth in Ohio. Mr. Hooven is also a director of BioOhio, a nonprofit organization which promotes the acceleration and growth of life science companies in Ohio, and Minimally Invasive Devices LLC, a privately-held medical device company that develops products that facilitate minimally invasive surgery. From 1986 to 1994, Mr. Hooven served as Director of New Product Development at Ethicon Endo-Surgery, Inc. In addition, Mr. Hooven has also served in a variety of positions at Cordis Corporation and Siemens Medical of Siemens AG. Mr. Hooven received his B.S. and M.S. from the University of Michigan. As the founder of our Company, Mr. Hooven possesses a familiarity with respect to its operating history and, as a founder and senior executive of, and consultant to, several other companies in the medical and surgical device industry, he brings to the Board an industry-wide perspective that can be utilized in evaluating and improving the Company's competitive position.

Elizabeth D. Krell, Ph.D. Dr. Krell, 66, has served as one of our directors since June 2006. Dr. Krell is currently a private consultant on matters pertaining to Food and Drug Administration (FDA) regulated products,

as well as FDA policies and procedures. From 2003 to 2004, she served as the Executive Vice President for Technology and Regulatory Affairs at the Advanced Medical Technology Association (AdvaMed), the largest trade association for medical device manufacturers. From 1975 to 2001, she served in the FDA, starting as a bench researcher and ending in the FDA's top science job as the Acting Senior Advisor for Science, advising the Commissioner and other top FDA officials on science and science management. Dr. Krell served from 1990 to 2001 as the Deputy Director for Science in the FDA's Center for Devices and Radiological Health (CDRH). In this position, she provided executive leadership in the development of programs to assure the safety and effectiveness of medical devices and diagnostic products and the reduction of population exposure to radiation emitted from medical, industrial and consumer products. Previously, she directed CDRH's science and engineering labs. Dr. Krell currently serves as a member of the Board of Trustees of the Global Medical Device Nomenclature Agency. Dr. Krell received her B.A. from S.U.N.Y. Binghamton and her Ph.D. from Georgetown University. Dr. Krell brings valuable risk assessment and healthcare compliance skills to the Board as a result of her experience designing safety and effectiveness programs as well as familiarity with many aspects of the FDA's policies and procedures, which plays an important part in the Company's business.

Mark R. Lanning, C.P.A., C.G.M.A. Mr. Lanning, 60, has served as one of our directors since February 2006. Mr. Lanning currently serves as Vice President-Finance and Chief Financial Officer of Frisch's Restaurants. Prior to joining Frisch's, Mr. Lanning served as Vice President, Investor Relations and Treasurer of Hillenbrand, Inc., Hill-Rom, Inc. and Hillenbrand Industries, diversified leaders in the healthcare equipment, funeral services, and material handling industries. Prior to joining Hillenbrand in 1988, Mr. Lanning spent twelve years in various accounting positions with Ernst & Whinney (now EY). Mr. Lanning, a Certified Public Accountant and a Chartered Global Management Accountant, is presently a member of the Business and Industry Executive Committee of the American Institute of CPAs (AICPA). In addition, he has served as a member of Council of the AICPA and is a past Chairman and Board member of the Indiana CPA Society. Mr. Lanning received his B.S. in Accounting from Ball State University. As a certified public accountant, Mr. Lanning developed significant experience in preparing, auditing, analyzing and evaluating financial statements and dealt with broad and complex accounting issues comparable to those of the Company, which qualifies him as an audit committee financial expert under SEC rules.

Karen P. Robards. Ms. Robards, 65, has served as one of our directors since November 2000. Since 1987, Ms. Robards has been a partner of Robards & Company, LLC, a financial advisory firm. From 1976 to 1987, Ms. Robards was an investment banker at Morgan Stanley where she headed its healthcare investment banking activities. Ms. Robards served from 1996 to 2005 as a director of Enable Medical Corporation, a developer and manufacturer of surgical instruments, which AtriCure acquired on August 10, 2005. From 2007 to 2010, Ms. Robards also served as a director of Care Investment Trust, a publicly-held real estate investment trust focusing on investment opportunities in the healthcare industry. Ms. Robards currently serves as Vice Chair of the Board and Chair of the Audit Committee of BlackRock Closed-End Mutual Funds and as a director of Greenhill & Co. Ms. Robards is a founder and director of the Cooke Center for Learning & Development, a not-for-profit educational organization in New York City. Ms. Robards received her B.A. from Smith College and her M.B.A. from Harvard Business School. The Board believes that the Company benefits from Ms. Robards' substantial knowledge and experience in the areas of corporate finance and capital markets, most of which was gained within the healthcare field. Ms. Robards also qualifies as an audit committee financial expert under SEC rules due to her experience in analyzing financial statements during her professional career and her membership on other public company audit committees.

Robert S. White. Mr. White, 53, has served as one of our directors since March 2013. Mr. White serves as President and Chief Operating Officer of Entellus Medical, a privately-held company that delivers innovative, high quality, minimally invasive therapeutic solutions to healthcare providers and their patients who suffer from sinusitis. Prior to joining Entellus, Mr. White served as President and CEO of TYRX, a privately-held company acquired by Medtronic, Inc. TYRX commercializes innovative, implantable combination drug and device products focused on infection control. Prior to joining TYRX, Mr. White held several positions with Medtronic, Inc. Mr. White served as President of Medtronic Kyphon following its \$3.9 billion acquisition of the spinal

treatment business. During his time with Medtronic, Mr. White also served as President of Physio Control and was responsible for commercial operations of the Cardiac Rhythm Disease Management business as Vice President of U.S. Sales and Global Marketing. Earlier in his career, Mr. White held positions with General Electric Company and Eli Lilly and Company, among others. Mr. White serves on the Board of Directors of Novadaq, a publically traded provider of clinically relevant imaging solutions for use in surgical and diagnostic procedures, and HyperBranch Medical Technology, a privately-held company that develops and markets products capable of adhering tissues, promoting healing, preventing fluid and air leaks, and reducing infections. Mr. White holds a B.S. in Aerospace Engineering from the University of Missouri-Rolla and an M.B.A. from Cornell University. The Board believes that Mr. White's significant knowledge of the medical device industry and experience in growing companies commercially uniquely benefit AtriCure and enhance its capacities in business development initiatives.

Board of Directors Recommendation

THE BOARD RECOMMENDS THAT YOU VOTE FOR EACH OF THE NINE NOMINEES FOR DIRECTOR LISTED ABOVE.

CORPORATE GOVERNANCE AND BOARD MATTERS
Independence of the Board

The Nasdaq Stock Market (Nasdaq) listing standards require that a majority of the members of a listed company's board of directors qualify as independent, as affirmatively determined by the board of directors. Our Board consists of the following nine directors: Richard M. Johnston (Chairman), Michael H. Carrel, Mark A. Collar, Scott W. Drake, Michael D. Hooven, Elizabeth D. Krell, Ph.D., Mark R. Lanning, Karen P. Robards and Robert S. White. Our Board has affirmatively determined that each of the directors and nominees, other than Michael H. Carrel, our President and Chief Executive Officer and Michael D. Hooven, who has been an employee and a consultant of ours, are independent directors under the listing standards established by Nasdaq.

As required under the Nasdaq listing standards, our non-management directors meet in regularly scheduled executive sessions at which only independent directors are present.

Committees of the Board

Our Board has four standing committees: the Audit Committee, the Compensation Committee, the Nominating and Corporate Governance Committee and the Strategy Committee. Each committee has a written charter which is available on our website at www.atricure.com under Investors-Corporate Governance. From time to time, our Board may also appoint committees for special purposes. The table below provides the membership of each of the committees, with further discussion on each committee and its function below the table.

Name	Audit	Compensation	Nominating and Corporate Governance	Strategy
Mr. Collar		X	C	X
Mr. Drake			X	X
Mr. Johnston		C	X	X
Dr. Krell, Ph.D.		X	X	
Mr. Lanning	C*	X		
Ms. Robards	X*			
Mr. White	X			C

C = Chair

* = Board designated audit committee financial expert under SEC rules

Audit Committee. Our Audit Committee is responsible for overseeing our financial controls, annual audit and financial reporting and reviews the effectiveness of our internal control over financial reporting and accounting and reporting practices and procedures with our management and our independent registered public accountants. In addition, this Committee reviews the qualifications of our independent registered public accountants, is responsible for their appointment, compensation, retention and oversight and reviews the scope, fees and results of activities related to audit and non-audit services. Our Board has determined that each member of the Audit Committee meets the independence and financial literacy requirements of the Nasdaq rules and the independence requirements of the SEC. Our Board has also determined that Mark R. Lanning and Karen P. Robards each qualify as an audit committee financial expert, as defined in SEC rules.

Compensation Committee. The Compensation Committee's principal responsibilities are to assist the Board in overseeing the Company's management compensation policies and practices, including to determine and approve the compensation of our Chief Executive Officer, review and approve compensation levels for our other executive officers, review and approve management incentive compensation policies and programs, review and approve equity compensation programs for employees and exercise discretion in the administration of those

programs, review with management our disclosures under Compensation Discussion and Analysis, or CD&A, and produce an annual report on executive compensation that contains a recommendation with respect to inclusion of the CD&A in our filings with the SEC. The composition of the Compensation Committee satisfies the independence requirements of Nasdaq.

Nominating and Corporate Governance Committee. The Nominating and Corporate Governance Committee is responsible for reviewing and making recommendations on the composition of our Board and selection of directors, periodically assessing the functioning of our Board and its committees, overseeing certain regulatory compliance issues in connection with our Corporate Integrity Agreement between the Office of Inspector General of the U.S. Department of Health and Human Services and making recommendations to our Board regarding corporate governance matters and practices. The composition of the Nominating and Corporate Governance Committee satisfies the independence requirements of Nasdaq.

Strategy Committee. The Strategy Committee is responsible for reviewing and providing guidance with respect to potential mergers, acquisitions, divestitures, joint ventures and other key strategic transactions outside the ordinary course of business (Corporate Strategic Transactions), reviewing with management prospective candidates for Corporate Strategic Transactions, reviewing periodic reports from management on completed Corporate Strategic Transactions and providing periodic reports to the Board of any Corporate Strategic Transactions being considered, or authorized and approved, by management.

Charters for each of these committees are available on our website at www.atricure.com under Investors Corporate Governance.

Meetings of the Board and Committees of the Board

During 2014, the Board held six meetings and took action in writing on two occasions. The Audit Committee held seven meetings, the Compensation Committee held seven meetings, the Nominating and Corporate Governance Committee held four meetings and the Strategy Committee held three meetings.

Our directors are strongly encouraged to attend the Company's annual meeting of stockholders. All of our directors attended the 2014 Annual Meeting, as well as at least 75% of the aggregate of all Board meetings and all meetings of Committees on which such directors served during 2014.

Consideration of Director Nominees

Stockholder Nominations and Recommendations. As described above in the Question and Answer section under What is the deadline to propose actions for consideration at next year's meeting of stockholders or to nominate individuals to serve as directors? our Bylaws set forth the procedure for the proper submission of stockholder nominations for membership on our Board. In addition, the Nominating and Corporate Governance Committee may consider properly submitted stockholder recommendations (as opposed to formal nominations) for candidates for membership on the Board. A stockholder may make such a recommendation by submitting the following information to our Secretary at 6217 Centre Park Drive, West Chester, Ohio 45069: the candidate's name, age, home and business contact information, principal occupation or employment, the class and number of shares of AtriCure stock beneficially owned, information regarding any relationships, arrangements or understandings between the candidate and AtriCure, and any other information relating to the candidate that is required to be disclosed in the solicitation of proxies for election of directors or is otherwise required, including the candidate's written consent to being named in the proxy statement, if any, as a nominee and to serving as a director if elected.

Director Qualifications. Members of our Board should have the highest professional and personal ethics and values, and conduct themselves consistent with our Code of Business Conduct and Ethics. Other than an age limit of 75 for election of directors set by our Board, the Nominating and Corporate Governance Committee has not established specific minimum qualifications for director candidates. The Board determined to waive the age limit

for Richard M. Johnston with respect to election at the Annual Meeting because of the Board's determination that his knowledge and insight continue to benefit the Board and enhance overall Board effectiveness. The Committee believes that candidates and nominees must reflect a Board that is comprised of directors who (i) are predominantly independent, (ii) are of high integrity, (iii) have qualifications that will increase overall Board effectiveness and (iv) meet other requirements as may be required by applicable rules, such as financial literacy or financial expertise with respect to audit committee members.

Identifying and Evaluating Director Nominees. Typically new candidates for nomination to our Board are suggested by existing directors or by our executive officers. However, candidates may also come to the attention of our Board through professional search firms, stockholders or other persons. The Nominating and Corporate Governance Committee will carefully review the qualifications of any candidates who have been properly brought to its attention. Such review may, in the Committee's discretion, include a review solely of information provided to the Committee or may also include discussions with persons familiar with the candidate, an interview with the candidate or other actions that the Committee deems proper. The Committee will consider the suitability of each candidate, including the current members of our Board, in light of the current size and composition of the Board. In evaluating the qualifications of the candidates, the Committee considers many factors including issues of character, judgment, independence, age, expertise, diversity of experience, length of service, other commitments and the like. The Committee evaluates such factors, among others, and does not assign any particular weighting or priority to any of these factors nor does the Committee have a formal policy with respect to diversity. Candidates properly recommended by stockholders are evaluated by the independent directors using the same criteria as other candidates.

Director Compensation

We pay an annual retainer, quarterly in advance, to our non-employee directors of \$25,000. We also pay an additional fee of \$25,000 to the Chairman of the Board, \$15,000 to the Chairperson of the Audit Committee, \$10,000 to the Chairperson of the Compensation Committee, \$7,500 to the Chairperson of the Nominating and Corporate Governance Committee and \$10,000 to the Chairperson of the Strategy Committee. Non-employee directors receive a fee for each Board meeting of \$1,500 for in-person attendance and \$1,000 for participation by telephone at Board meetings that require substantial preparation and follow-up by members of the Board. Non-employee directors also receive a fee for each Committee meeting of \$1,000 for in-person attendance and \$500 for participation by telephone.

Upon joining our Board, each non-employee director receives an initial grant of 50,000 stock options which vest one-fourth on each of the first four anniversaries of the date of the grant. Annually, concurrent with each annual meeting of stockholders, each of our non-employee directors who has been a director for at least six months receives 10,000 stock options, which vest one-third on the earlier of each anniversary of the date of the grant or the annual meeting of stockholders that year. Options granted to non-employee directors have a term of 10 years and an exercise price equal to the closing stock price on the date of grant.

Director Compensation Table

The following table summarizes compensation earned by our non-employee directors for the year ended December 31, 2014.

Name	Fees Earned			Total (\$)
	or Paid in Cash (\$)	Stock Awards \$(¹)	Option Awards\$(¹)	
Richard M. Johnston	\$ 80,750		\$ 105,330	\$ 186,080
Mark A. Collar	55,750		105,330	161,080
Scott W. Drake	35,500		105,330	140,830
Michael D. Hooven	33,000		105,330	138,330 ⁽²⁾
Elizabeth D. Krell, Ph.D.	43,000		105,330	148,330
Mark R. Lanning	61,563		105,330	166,893
Karen P. Robards	40,000		105,330	145,330
Robert S. White	48,000		105,330	153,330

⁽¹⁾ Amounts in the option awards column represent the aggregate grant date fair value of option awards computed, as of each award date, in accordance with Financial Accounting Standards Board (FASB) Accounting Standards Codification Topic 718, Compensation Stock Compensation (ASC 718). No stock awards were granted during 2014.

⁽²⁾ This amount does not include the Company's payment of premiums under the group health care plan sponsored by the Company for Mr. Hooven, his wife and son which totaled \$17,329 in 2014.

Corporate Governance Guidelines

The Board has adopted Corporate Governance Guidelines to promote the effective functioning of the Board and its Committees, to promote the interests of stockholders and to create a common set of expectations as to how the Board, its Committees, individual directors and management should perform their respective functions. The Board believes that ethics and integrity cannot be legislated or mandated by directive or policy and that the ethics, character, integrity and values of our directors and management remain a critical safeguard in quality corporate governance. The Corporate Governance Guidelines establish the practices the Board will follow with respect to, among other practices, board composition and selection of board nominees, director responsibilities, chief executive officer evaluation, management development and succession planning, director compensation, board committees and annual board and committee performance evaluations. A copy of the Corporate Governance Guidelines is available on our website at www.atricure.com under Investors Corporate Governance.

Code of Business Conduct and Ethics

AtriCure is committed to maintaining the highest standards of business conduct and ethics. Our Code of Business Conduct and Ethics reflects our values and the business practices and principles of behavior that support this commitment. Our Code of Business Conduct and Ethics is an integral part of our business conduct compliance program and embodies our commitment to conduct operations in accordance with the highest legal and ethical standards. The Code of Business Conduct and Ethics applies to all of our officers, directors and employees and is supplemented by an additional Code of Ethics which is applicable to our Chief Executive Officer, Chief Financial Officer and other senior financial officers. Each officer, director and employee is responsible for understanding and complying with the Code of Business Conduct and Ethics. Each Code is available on our website at www.atricure.com under Investors Corporate Governance. We will post any amendments to either Code, as well as any waivers that are required to be disclosed by the rules of the SEC or Nasdaq, on our website.

We have also adopted and implemented voluntary standards established by the Advanced Medical Technology Association (AdvaMed), a United States trade association for medical device manufacturers, governing interactions between medical device manufacturers and healthcare professionals known as the

AdvaMed Code of Ethics on Interactions with Health Care Professionals (AdvaMed Code). These standards are intended to ensure that such interactions are transparent and comply with applicable laws, regulations and government guidance. The standards address interactions related to sales and marketing practices, research and development, product training and education, grants and charitable contributions, support of third-party educational conferences and consulting arrangements.

Compensation Committee Interlocks and Insider Participation

During 2014 and through the date of this proxy statement, none of the members of our Compensation Committee were or are an officer or employee of the Company, had or have any relationship with the Company requiring disclosure under Item 404 of Regulation S-K and no executive officer of the Company served or serves on the compensation committee or board of any company that employed or employs any member of the Company's Compensation Committee or Board of Directors.

Certain Relationships and Related Party Transactions

Our Audit Committee charter provides that the Audit Committee will review and discuss with management potential transactions with related parties. Related party transactions requiring Audit Committee approval include transactions that are significant in size and transactions that involve terms or aspects that differ from those which would be entered into between independent parties.

Communications with the Board of Directors

Stockholders are invited to communicate to the Board or its committees by writing to: AtriCure, Inc., Chairman of the Board of Directors or the Chair of a Board committee, 6217 Centre Park Drive, West Chester, Ohio 45069. All such stockholder communications will be forwarded to the specific director or directors to whom the communications are addressed.

Board Leadership Structure

The Company has separate Chief Executive Officer and Board Chairman positions. Mr. Johnston serves as our Chairman of the Board and presides over Board meetings and provides the Company with the benefit of his strategic and creative vision, an appreciation for and understanding of the risks associated with the Company's business and an intimate knowledge of the Company's technologies and the medical device industry. Mr. Carrel serves as our President and Chief Executive Officer and provides the Company with the benefit of his extensive knowledge of the Company's operations, an understanding of the day-to-day challenges faced by companies in the medical device industry and his business and financial know-how.

The Board currently believes that, at this time, based on the skills and responsibilities of the various Board members and management, and in light of the general economic, business and competitive environment facing the Company, the separation of the Chairman and Chief Executive Officer roles enhances appropriate oversight of management by the Board, Board independence, the accountability to our stockholders by the Board and our overall leadership structure. Furthermore, the Board believes that maintaining separation of the Chairman function from that of the Chief Executive Officer allows the Chief Executive Officer to properly focus on managing the business, rather than requiring a significant portion of his efforts to be spent on also overseeing Board matters.

Board's Role in Risk Oversight

The Board maintains oversight responsibility for the management of the Company's risks and closely monitors the information it receives from management to provide oversight and guidance to our management team concerning the assessment and management of risk. The Board approves the Company's high level goals, strategies and policies to set the tone and direction for appropriate levels of risk taking within the business.

The Board has delegated oversight for matters involving certain specific areas of risk exposure to its committees. Each committee reports to the Board of Directors at regularly scheduled Board meetings, and more frequently if appropriate, with respect to the matters and risks for which each committee provides oversight.

The Audit Committee oversees the integrity of our financial statements, risks related to our financial reporting process and internal controls, the independent registered public accounting firm's qualifications, independence and performance and the Company's corporate finance matters. The role of the Audit Committee includes receiving, at least annually, a discussion of the major risk exposures identified by senior management, the key strategic plan assumptions considered during the assessment and steps implemented to monitor and mitigate such exposures on an ongoing basis.

Our Compensation Committee is responsible primarily for the design and oversight of the Company's executive compensation policies, plans and practices. A key objective of the Compensation Committee is to ensure that the Company's overall executive compensation program appropriately links pay to performance and aligns the interests of the Company's executives with its stockholders.

The Nominating and Corporate Governance Committee oversees risks related to our corporate governance, including Board and director performance, director succession and the Company's Corporate Governance Guidelines and other governance documents. The Nominating and Corporate Governance Committee is also responsible for conducting a review of the Company's compliance program in connection with the Corporate Integrity Agreement between the Office of Inspector General of the U.S. Department of Health and Human Services and the Company.

The Strategy Committee assists the Board in fulfilling its oversight responsibilities regarding the management of risks related to the Company's potential mergers, acquisitions, divestitures, joint ventures and other key strategic transactions outside the ordinary course of the Company's business.

Board Evaluations

The Board of Directors and committees conduct self-evaluations to assess the qualifications, attributes, skills and experience represented on the Board and to determine whether the Board and its committees are functioning effectively. The Nominating and Corporate Governance Committee receives input on the Board's performance from directors and, through its Chairman, discusses the input with the full Board and oversees the full Board's review of its performance. The self-assessments focus on the Board's and committees' contribution to the Company and on areas in which the Board or management believes that the Board or any of its committees could improve.

PROPOSAL TWO RATIFICATION OF APPOINTMENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

The Audit Committee of the Board has selected Deloitte & Touche LLP as the independent registered public accounting firm to perform the audit of the Company's financial statements for the year ending December 31, 2015. Deloitte & Touche LLP has audited the Company's financial statements since 2002.

The Board is asking the stockholders to ratify the selection of Deloitte & Touche LLP as the Company's independent registered public accounting firm for 2015. Although not required by law, the rules of Nasdaq or the Company's Bylaws, the Board is submitting the selection of Deloitte & Touche LLP to the stockholders for ratification as a matter of good corporate practice. If the stockholders fail to ratify the selection, the Audit Committee may reconsider whether it should appoint another independent registered public accounting firm. Even if the selection is ratified, the Audit Committee, in its discretion, may select a different registered public accounting firm at any time during the year if it determines that such a change would be in the best interests of the Company and its stockholders.

Representatives of Deloitte & Touche LLP are expected to be present at the meeting. They will have an opportunity to make a statement if they desire to do so and will be available to respond to appropriate questions from the Company's stockholders.

Board of Directors Recommendation

THE BOARD RECOMMENDS THAT YOU VOTE FOR THE RATIFICATION OF THE SELECTION OF DELOITTE & TOUCHE LLP AS THE COMPANY'S INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM FOR 2015.

Audit and Non-Audit Services

The Audit Committee is directly responsible for the appointment, compensation and oversight of the Company's independent registered public accounting firm. In addition to retaining Deloitte & Touche LLP to audit the Company's financial statements for 2014, the Audit Committee retained Deloitte & Touche LLP to provide audit-related services and certain other services in 2014. The Audit Committee understands the need for Deloitte & Touche LLP to maintain objectivity and independence in its audits of the Company's financial statements. The Audit Committee has reviewed all non-audit services provided by Deloitte & Touche LLP in 2014 and has concluded that the provision of such services was compatible with maintaining Deloitte & Touche LLP's independence in the conduct of its auditing functions.

The aggregate fees billed or to be billed by Deloitte & Touche LLP for audit services provided to the Company for 2014 and 2013 and billed related to other services provided during 2014 and 2013 were as follows:

Service Category	2014	2013
Audit Fees	\$ 685,000	\$ 715,500
Audit-Related Fees	2,769	171,459
Tax Fees		
All Other Fees		
Total	\$ 687,769	\$ 886,959

In the above table, in accordance with the SEC's definitions and rules, audit fees are fees for professional services and reimbursement for out of pocket expenses for the audit of a company's financial statements, and for services that are normally provided by the accountant in connection with statutory and regulatory filings or engagements; audit-related fees are fees for assurance and related services that are reasonably related to the

performance of the audit or review of a company's financial statements; tax fees are fees for tax compliance, tax advice and tax planning; and all other fees are fees for any services not included in the first three categories.

Pre-Approval Policies and Procedures

To help ensure the independence of our independent registered public accounting firm, all audit and permitted non-audit services, including the fees and terms thereof, to be performed by our independent registered public accounting firm must be approved in advance by the Audit Committee as a Committee, or the Committee may delegate to one or more of its members the authority to grant the required approvals.

PROPOSAL THREE ADVISORY VOTE ON COMPENSATION OF OUR NAMED EXECUTIVE OFFICERS

The Dodd-Frank Wall Street Reform and Consumer Protection Act (Dodd Act), enacted in July 2010, requires that we provide our stockholders with the opportunity to vote to approve, on a non-binding, advisory basis, the compensation of our named executive officers as disclosed in this proxy statement in accordance with the compensation disclosure rules of the Securities and Exchange Commission.

As described in detail below under the heading "Compensation Discussion and Analysis" beginning on page 21 of this proxy statement, we seek to closely align the interests of our named executive officers with the interests of our stockholders. We structure our programs to discourage excessive risk-taking through a balanced use of compensation vehicles and metrics with an overall goal of delivering sustained long-term stockholder value while aligning our executives' interests with those of our stockholders. Further, our programs require that a substantial portion of each named executive officer's compensation be contingent on delivering performance results that benefit our stockholders. Our compensation programs are designed to reward our named executive officers for the achievement of short-term and long-term strategic and operational goals and the achievement of increased total stockholder return. Stockholders should note that, because the advisory vote on executive compensation occurs well after the beginning of the compensation year and because the different elements of our executive compensation programs are designed to operate in an integrated manner and to complement one another, in many cases it may not be appropriate or feasible to change our executive compensation programs in consideration of any one year's advisory vote on executive compensation by the time of the following year's annual meeting of stockholders.

The vote on this matter is not intended to address any specific element of compensation; rather, the vote relates to the compensation of our named executive officers, as described in this proxy statement in accordance with the compensation disclosure rules of the Securities and Exchange Commission. This vote is advisory, which means that the vote is not binding on the Company, our Board of Directors or the Compensation Committee. The Board and the Compensation Committee will review and consider the voting results when making future decisions regarding our executive compensation program.

Accordingly, we ask our stockholders to approve, on an advisory basis, the compensation of the named executive officers, as disclosed in this proxy statement pursuant to the compensation disclosure rules of the Securities and Exchange Commission, including the Compensation Discussion and Analysis, the Summary Compensation Table and the other related tables and disclosure.

Board of Directors Recommendation

THE BOARD RECOMMENDS THAT YOU VOTE FOR THE APPROVAL OF THE COMPENSATION OF OUR NAMED EXECUTIVE OFFICERS AS DISCLOSED IN THIS PROXY STATEMENT.

SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT

The following table sets forth certain information relating to the beneficial ownership, calculated in accordance with SEC rules, of AtriCure common stock as of April 1, 2015 by each of our executive officers named in the Summary Compensation Table set forth below, each of our directors, all of our directors and executive officers as a group and each stockholder known by us to own beneficially more than 5% of our common stock.

Beneficial Owner	Beneficial Ownership		Percent of Class
	Shares	Options Exercisable Within 60 Days	
Holders of More Than 5%			
Adage Capital ⁽¹⁾ 200 Clarendon Street, 52 nd floor Boston, MA 02116	2,167,019		7.6%
BlackRock, Inc. ⁽²⁾ 55 East 52 nd Street New York, NY 10022	1,919,470		6.8%
Wellington Management Group LLP ⁽³⁾ 280 Congress Street Boston, MA 02210	1,821,091		6.4%
Named Executive Officers			
Michael H. Carrel	312,707	369,791	2.3%
M. Andrew Wade	99,469	88,582	*
Patricia J. Kennedy	63,579	82,166	*
Andrew L. Lux, Ph.D.	40,850	91,666	*
Douglas J. Seith	128,371	108,171	*
Directors and Nominees			
Mark A. Collar	13,262	100,001	*
Scott W. Drake		15,834	*
Michael D. Hooven ⁽⁴⁾	558,713	70,001	2.1%
Richard M. Johnston		20,000	*
Elizabeth D. Krell, Ph.D.	7,162	108,001	*
Mark R. Lanning	25,000	120,001	*
Karen P. Robards	285,978	115,001	1.4%
Robert S. White	2,800	28,334	*
All executive officers and directors as a group (13 persons)	1,537,891	1,317,549	9.6%

* Indicates ownership of less than 1%.

(1) This information is based on the Schedule 13G/A filed with the SEC on February 17, 2015. These securities are held by Adage Capital Partners, L.P. Adage Capital Partners GP, L.L.C. is the general partner of Adage Capital Partners, L.P., and Adage Capital Advisors, L.L.C. is the managing member of Adage Capital Partners GP, L.L.C. The managing members of Adage Capital Advisors, L.L.C. are Robert Atchinson and Phillip Gross, and each may be deemed to share voting and investment power with respect to the securities held by these entities and disclaims beneficial ownership of the securities held by these entities, except as to his pecuniary interest therein.

(2) This information is based on the Schedule 13G/A filed with the SEC on January 29, 2015.

(3) This information is based on the Schedule 13G filed with the SEC on February 12, 2015.

(4) Includes 234,211 shares held by a trust for the benefit of Mr. Hooven (the Michael D. Hooven 2004 Trust FBO Michael); 70,549 shares held by Mr. Hooven; 234,211 shares held by a trust for the benefit of Susan

Spies, Mr. Hooven's wife (the Michael D. Hooven 2004 Trust FBO Susan Spies); 1,321 shares held by Mr. Hooven's son; 18,421 shares held by a trust for the benefit of Mr. Hooven's son (the Susan Spies 2004 Children's Trust); and 70,001 shares underlying options exercisable within 60 days. Mr. Hooven serves as the trustee of the trust for the benefit of himself and for the Susan Spies 2004 Children's Trust. Mr. Hooven may be deemed to share voting and investment power with respect to the shares held by the trust for the benefit of his wife, the shares held by his wife and the shares held by the Susan Spies 2004 Children's Trust and the shares held by his son, and Mr. Hooven disclaims beneficial ownership of these shares, except as to his pecuniary interest therein. Ms. Spies may be deemed to share voting and investment power with respect to the shares held by the trust for the benefit of Mr. Hooven, and the shares held by the Susan Spies 2004 Children's Trust, and she disclaims beneficial ownership of these shares, except as to her pecuniary interest therein.

Ownership Guidelines

Consistent with its compensation philosophy and the principle of aligning the interests of management and directors of the Company with the interests of its stockholders, the Board of Directors has implemented stock ownership guidelines for Specified Officers (defined in the guidelines as those officers required to file beneficial ownership reports with the SEC) and non-employee directors. Under the guidelines, the Company's Chief Executive Officer is required to own an amount of our common stock which is equal to or exceeds three times such Chief Executive Officer's annual base salary, and Specified Officers other than the Chief Executive Officer are required to own an amount of our common stock which is equal to or exceeds such officer's annual base salary. Also under the guidelines, each of the Company's non-employee directors is required to own an amount of Company common stock which is equal to or exceeds three times such non-employee director's annual retainer. Generally, persons subject to the guidelines are required to achieve the applicable guideline not later than three years from the appointment to their position. Notwithstanding this phase-in period, most persons subject to these guidelines have met their ownership target, either as a result of their direct holdings or shares held indirectly by an entity affiliated with such person, in accordance with the guidelines.

Holding Period Requirements

In 2011, the Compensation Committee recommended, and the Board of Directors approved, a policy which institutes a mandatory holding period for long-term incentive awards. The policy requires Specified Officers (defined in the policy as those officers required to file beneficial ownership reports with the SEC) to retain 50% of the net after-tax shares that are earned pursuant to long-term incentive awards, including stock option and restricted stock awards, until the earlier of (i) the end of a two-year period commencing on the date any shares earned under the award are issued and (ii) the executive's termination of employment. The mandatory holding period applies to long-term incentive awards granted on or after January 1, 2012.

Pledging and Hedging

Our Insider Trading Policy provides that without pre-clearance from the Company's Chief Financial Officer, covered persons are prohibited from, directly or indirectly, pledging and hedging any of the Company's securities. For these purposes, pledging includes the intentional creation of any form of pledge, security interest, deposit, lien or other hypothecation, including the holding of shares in a margin account, that entitles a third-party to foreclose against, or otherwise sell, any equity securities, whether with or without notice, consent, default or otherwise, but does not include either the involuntary imposition of liens, such as tax liens or liens arising from legal proceedings, or customary purchase and sale agreements, such as Rule 10b5-1 plans. Also for these purposes, hedging includes any instrument or transaction, including put options and forward-sale contracts, through which the covered person offsets or reduces exposure to the risk of the price fluctuations in a corresponding equity security.

MANAGEMENT

Our directors, nominees for director and executive officers are set forth below. Information regarding our directors and director nominees is set forth above under Proposal One Election of Directors Biographical Information of Directors and Director Nominees.

Name	Age	Position
Richard M. Johnston	80	Chairman of the Board
Michael H. Carrel	44	President, Chief Executive Officer and Director
Mark A. Collar	62	Director
Scott W. Drake	47	Director
Michael D. Hooven	59	Director
Elizabeth D. Krell, Ph.D.	66	Director
Mark R. Lanning, C.P.A.	60	Director
Karen P. Robards	65	Director
Robert S. White	53	Director
M. Andrew Wade, C.P.A.	40	Senior Vice President and Chief Financial Officer
Andrew L. Lux, Ph.D.	63	Senior Vice President, Operations and Quality
Patricia J. Kennedy	54	Vice President and General Manager, International
Douglas J. Seith	49	Chief Operating Officer

M. Andrew Wade, C.P.A. has served as our Senior Vice President and Chief Financial Officer since January 2015, having previously served as our Vice President and Chief Financial Officer since January 2013. From 2007 to 2013, Mr. Wade worked in various financial positions at AtriCure including Manager of Financial Planning & Analysis and Director of Finance. Prior to joining AtriCure, Mr. Wade held various financial positions with Macy's Inc. and Saks Inc. Mr. Wade started his career with Arthur Andersen LLP in the audit practice, serving clients in various industries. Mr. Wade received his B.S.B.A. in Accounting from Xavier University and his M.B.A from the Owen School at Vanderbilt University and is a Certified Public Accountant.

Andrew L. Lux, Ph.D. has served as our Senior Vice President, Operations and Quality since January 2013. Dr. Lux previously served as our Vice President and Chief Operating Officer from 2012 to 2013. Prior to joining AtriCure, Dr. Lux served in leadership capacities at both small and large companies. From 2010 to 2012, Dr. Lux served as the Senior Vice President of Manufacturing and Operations for IntriMed Technologies, a start-up business focused on contract manufacturing of implantable medical devices. From 2008 to 2010, Dr. Lux was the Vice President of Research and Development, Operations and Service for WaterHealth International, Inc., a business focused on the water purification/disinfections markets. From 2006 to 2008, Dr. Lux was the General Manager for Medtronic, Inc.'s spinal division in Warsaw, Indiana, where he was responsible for the United States based manufacturing organization providing spinal implant and orthopedic instrumentation products. Prior to 2006, Dr. Lux served in a variety of executive capacities for medical device organizations including Baxter Healthcare, Inc., Medtronic, Inc. (Cardiac Surgery Division), Johnson & Johnson and General Electric Company. Dr. Lux received his M.S. and Ph.D. from M.I.T. and his M.B.A. from Case Western Reserve University.

Patricia J. Kennedy has served as our Vice President and General Manager, International since October 2011, having previously served as our Vice President, International Sales from 2009 to 2011 and as our Director of Market Development, Europe from 2008 to 2009. From 2001 through 2008, Ms. Kennedy held various executive level positions with Stereotaxis, Inc., a manufacturer and marketer of cardiology instrument controls systems to enhance the treatment of coronary artery disease and arrhythmias, including Worldwide Vice President, Clinical Services and Vice President Sales and Marketing, Europe. Prior thereto, Ms. Kennedy held various sales and marketing positions in the medical device industry, including positions with EP Medsystems, Inc. and EP Technologies, Inc., a division of Boston Scientific Corporation. Ms. Kennedy, who is a Registered Nurse, received her B.S. in Marketing from the University of North Florida and an Associates of Science Degree in Technical Nursing from Florida Junior College.

Douglas J. Seith has served as our Chief Operating Officer since January 2015, having previously served as our Senior Vice President, Sales and Marketing from 2013 to 2014 and as our Vice President, United States Sales from 2011 to 2013. Since joining AtriCure in 2004 as a Regional Sales Leader, Mr. Seith has held a variety of progressive sales and sales leadership positions, including Area Director roles. Mr. Seith has over 25 years of cardiology and general surgery sales and sales leadership experience. Prior to joining AtriCure, Mr. Seith held sales leadership and/or sales positions with A-Med/EmoblX, Inc., where he was the Vice President of Sales, Heartport, Inc., Scimed Life Systems, a division of Boston Scientific, Inc. and Automated Instruments (a division of Unites States Surgical Corporation). Mr. Seith received his B.A. from Ohio Wesleyan University.

COMPLIANCE WITH SECTION 16(a) FILING REQUIREMENTS

Section 16(a) of the Exchange Act requires our directors, executive officers and beneficial owners of more than 10% of our common stock to file with the SEC reports regarding their ownership and changes in ownership of our common stock. Such persons are required by SEC regulations to furnish us with copies of all Section 16(a) forms they file.

Based solely on our examination of the copies of such forms received by us, or written representations from reporting persons that no Forms 3, 4 or 5 were required of such persons, we believe that during our fiscal year ended December 31, 2014, our directors, executive officers and 10% stockholders complied with all Section 16(a) filing requirements.

REPORT OF THE AUDIT COMMITTEE OF THE BOARD OF DIRECTORS

Management has the primary responsibility for maintaining effective internal control over financial reporting and for preparing AtriCure's consolidated financial statements. AtriCure's independent registered public accounting firm is responsible for performing independent audits of AtriCure's consolidated financial statements in accordance with the standards of the Public Company Accounting Oversight Board (United States). The Audit Committee's responsibilities include monitoring and oversight of corporate accounting and financial reporting processes on behalf of the Board of Directors. In fulfilling its responsibilities, the Audit Committee reviewed with management the audited financial statements included in AtriCure's Annual Report on Form 10-K, including a discussion of significant accounting principles, the reasonableness of significant estimates and judgments made in preparing the financial statements and the clarity of disclosures in the financial statements. In addition, the Audit Committee discussed with the Chief Executive Officer and the Chief Financial Officer of AtriCure the certifications required to be given by such officers in connection with AtriCure's Annual Report on Form 10-K pursuant to the Sarbanes-Oxley Act of 2002 and the Securities and Exchange Commission rules adopted thereunder, including the subject matter of such certifications and the procedures followed by such officers and other management in connection with giving such certifications. The Audit Committee's responsibilities are set forth in a written charter, a copy of which is available on our website at www.atricure.com under Investors Corporate Governance.

The Audit Committee is responsible for reviewing, approving and managing the engagement of AtriCure's independent registered public accounting firm, including the scope, extent and procedures of the annual audit and compensation to be paid therefore, and all other matters the Audit Committee deems appropriate, including the independent registered public accounting firm's accountability to the Board of Directors and the Audit Committee. The Audit Committee reviewed and discussed with AtriCure's independent registered public accounting firm, which is responsible for expressing an opinion on the conformity, in all material respects, of AtriCure's financial statements with accounting principles generally accepted in the United States of America, its judgments as to the acceptability as well as the appropriateness of AtriCure's application of accounting principles and such other matters as are required to be discussed with the independent registered public accounting firm by the Public Company Accounting Oversight Board and relevant listing standards. In addition, the Audit Committee has received the written disclosures and the letter from the independent registered public accounting firm required by applicable requirements of the Public Company Accounting Oversight Board regarding the independent registered public accounting firm's communications with the Audit Committee concerning independence, has discussed with AtriCure's independent registered public accounting firm its independence from management and AtriCure and has considered the compatibility of non-audit services with the independence of AtriCure's independent registered public accounting firm.

The Audit Committee discussed with AtriCure's independent registered public accounting firm the overall scope and plans for its audit. The Audit Committee meets with the independent registered public accounting firm to discuss the results of its examinations, its evaluation of the effectiveness of AtriCure's internal control over financial reporting and the overall quality of AtriCure's financial reporting. The Audit Committee held seven meetings during the year ended December 31, 2014.

In reliance on the reviews and discussions referred to above, the Audit Committee recommended to the Board of Directors that the audited financial statements be included in AtriCure's Annual Report on Form 10-K for the year ended December 31, 2014 for filing with the Securities and Exchange Commission. The Audit Committee has also selected, subject to stockholder ratification, Deloitte & Touche LLP as AtriCure's independent registered public accounting firm for the year ending December 31, 2015.

Submitted by the following members of the Audit Committee:

AUDIT COMMITTEE

Mark R. Lanning, Chair

Karen P. Robards

Robert S. White

EXECUTIVE COMPENSATION

Report of the Compensation Committee of the Board of Directors

The Compensation Committee has reviewed and discussed the following Compensation Discussion and Analysis required by Item 402(b) of Regulation S-K with management and based on such review and discussions, the Compensation Committee has recommended to the Board of Directors that the Compensation Discussion and Analysis be included in this proxy statement.

Submitted by the following members of the Compensation Committee:

COMPENSATION COMMITTEE

Richard M. Johnston, Chair

Mark A. Collar

Elizabeth D. Krell, Ph.D.

Mark R. Lanning

Compensation Discussion and Analysis

Executive Summary

Most of our compensation decisions are made in the first three months of the year, after review of our performance and the performance of our CEO and the other executive officers. We believe the compensation of all of our named executive officers for 2014 aligned well with both our performance in 2014 and the objectives of our executive compensation policies:

Our revenue for 2014 was \$107.5 million, an increase of \$25.6 million or 31.2%, compared to 2013 revenue. Included in this are revenue increases of 28.7% of U.S. sales and 39.2% of International sales. Our gross profit for 2014 was \$75.8 million compared to \$59.6 million for 2013. We closed a successful common stock offering early in 2014 with aggregate net proceeds to us of \$65.8 million which allows for continuing investment in revenue growth and product development.

Above target results compared to 2014 performance goals resulted in above target annual incentive award payouts to our named executive officers for 2014. Performance compared to 2014 company goals set by the Compensation Committee resulted in the named executive officers receiving a payout 69.2% higher than the annual incentive award payouts that would have been earned if we had achieved performance goals required to receive 100% of the bonus amount.

Based on 2013 results and the 2014 individual evaluations of the named executive officers by the Compensation Committee with respect to Mr. Carrel, and the Compensation Committee and Mr. Carrel with respect to the other named executive officers, our named executive officers received increases in their base salary. These increases ranged from 3% to 25% of 2013 base salary.

From 2013 to 2014, total cash compensation for Mr. Carrel increased 7% and for the other named executive officers 6% to 37%.

Compensation Philosophy and Objectives

Our compensation philosophy is rooted in a pay for performance approach that is designed to strongly link executive officer compensation to our performance. Executive incentive compensation is tied to measurable results intended to create long-term value for our stockholders. Our executive compensation program is designed to promote the following objectives:

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To align the interests of our executives with those of our stockholders;

To attract, motivate and retain talented executives; and

To compensate executives based upon the value of their individual and collective contributions to achieving corporate goals and objectives.

Our executive compensation program provides for base salaries that reflect the following primary factors: level of responsibility, individual performance, internal fairness and external competitiveness. Additionally, the program provides for both annual incentive awards that are payable upon our achievement of annual financial and management objectives, as well as long-term equity incentives that are intended to align and strengthen the mutuality of interest between management, other key employees and our stockholders. With respect to Chief Executive Officer compensation, initial base salary, target annual incentive compensation and equity incentive award compensation are set forth in his employment agreement. The compensation provisions contained in the employment agreement entered into with our Chief Executive Officer at the time he joined AtriCure in 2012 are consistent with our compensation policies and objectives.

2014 Say-on-pay Vote

At our 2014 annual meeting, AtriCure held an advisory vote on the compensation of our named executive officers, commonly referred to as a say-on-pay vote. Our stockholders voiced their approval of the compensation of our named executive officers, with over 82% of the votes cast voting in favor of our 2014 say-on-pay resolution. Based on the results of the 2014 say-on-pay vote, the Compensation Committee concluded that neither the compensation paid to the named executive officers nor AtriCure's overall pay practices require substantial revision to address stockholder concerns.

Executive Compensation Program and Process

Role of the Compensation Committee

The Compensation Committee oversees and administers our executive compensation policies and plans. The Compensation Committee determines and reports to the Board regarding general recommendations on compensation policies and plans for employees, setting salaries and incentive compensation and approving equity incentive awards for executives. In determining executive compensation, we evaluate a variety of factors relating to the Company's performance as a whole during the year, including financial performance, product development and regulatory and clinical progress. We also review market data and the individual performance of all key executives. Our management team supports and makes recommendations to the Compensation Committee in fulfilling its responsibilities and gathers information and performs administrative tasks delegated to it by the Compensation Committee. The Compensation Committee performs the same analysis in connection with determining the compensation of Mr. Carrel, our President and Chief Executive Officer, as it does in determining the compensation of other executive officers. We believe that Mr. Carrel's compensation is fair, competitive and consistent with the Company's corporate results and compensation philosophy.

Compensation Consultants

The Compensation Committee has the authority to engage the services of outside advisors as necessary to meet its responsibilities. The Compensation Committee has utilized the services of Pearl Meyer & Partners, LLC from time to time, and did so during 2014 to provide advice regarding various 2014 executive compensation matters.

Recognizing that we compete for talent with other publicly-held medical device companies, some of which have significantly larger resources than we have, we review market compensation survey data and analyze it to compare the Company's salaries against the market on a regular basis. Market data is used as a guideline. We utilize information derived by Culpepper and Associates, a leading provider of compensation survey market data. The goal in using market survey data is to strike a balance between external competitiveness and internal equity. The peer group included in our executive analysis consisted of several cardiac-focused medical device companies and other medical device and life science companies of similar size, including ABIOMED, Inc., AngioDynamics, Inc., Cardiovascular Systems Inc., Endologix, Inc., Exactech, Inc., Hansen Medical, Inc., HeartWare International, Inc., LeMaitre Vascular, Inc., Spectranetics, Inc., Stereotaxis, Inc. and Vascular Solutions, Inc.

Compensation to our executive officers generally consists of the following elements: base salary, annual incentive bonuses, grants of equity awards and generally the same health and welfare benefits package available to all of our employees. We believe this mix of cash and equity compensation and short and long-term compensation afforded to all of our executives is consistent with our compensation philosophy and furthers our overall compensation objectives by encouraging short and long-term performance and creating an effective management team which can lead our growth and expansion and maximize stockholder value.

The Compensation Committee has reviewed the risk profile of the various elements of our executive compensation program, including the performance objectives and target levels used in connection with incentive awards, and has considered the risks our executive officers might be incentivized to take with respect to such elements. When establishing the mix among these elements, the Compensation Committee is careful not to encourage excessive risk taking and, as a result, the Compensation Committee believes that our executive compensation program does not incentivize the executive officers to engage in business activities or other behavior that would threaten the value of the Company or the investments of its stockholders.

1. Base Salary. We pay a base salary to attract talented executives and provide a secure base level of compensation. In determining base salaries, we consider a variety of factors, including the officer's job scope and level of responsibility, as well as individual factors such as experience, skills and performance. We also consider market data relating to compensation for similar positions at other medical device and life science companies and competitive factors in the industry. In addition, we consider relative levels of pay among our officers and recommendations from the Chief Executive Officer. With respect to the Chief Executive Officer, his base salary has increased 3% over the amount required by his employment agreement based on the Compensation Committee's evaluation of the performance of AtriCure and him.

Salary levels are generally considered annually as part of our annual performance review process, as well as upon a promotion or other change in job responsibility. Salary guidelines are set each year to reflect our industry's competitive environment, balanced by the desire to control the overall cost of salaries and wages.

2. Annual Incentive Bonuses. We pay annual incentive bonuses to management which vary in size depending on the level of achievement of specific operational, financial and strategic goals considered by the Board to be critical in building long-term value for stockholders. Annual incentive bonuses earned during 2012, 2013 and 2014 were paid in cash. In future years, annual incentive bonuses may be paid in cash, through equity awards or through a combination of both.

For executive officers, annual incentive bonus targets and objectives are designed to advance key strategic initiatives and build stockholder value and, therefore, primarily relate to the achievement of company-wide goals. We believe that company-wide goals help to foster effective cross-functional performance and a culture of collaboration. Annual objectives and targets are developed with guidance from management and approved by the Compensation Committee. Levels of performance are measured and communicated by management to the Compensation Committee and Board of Directors on a regular basis.

For 2014, the determination of the annual incentive targets was based on specific quantitative measures. Target bonus amounts were aligned to the achievement of specific objectives within each of the categories outlined below. For the revenue-based performance goal, participants could earn a maximum bonus of up to 200% of the target bonus, with an entry point of 50% of the target bonus. Performance under the entry point resulted in zero bonus. For the functional performance goal, the payout was based solely on whether the goal was achieved.

The Compensation Committee sets objectives that the Committee believes will be moderately difficult to attain. The 2014 performance goals were as follows:

- (a) Achievement of at least \$95 million in ablation and clip product revenue (Revenue Goal), weighted at 70% of total; and
- (b) Achievement of various functional objectives (Functional Goals) related to clinical, education and product development activities, weighted at 30% of total.

The goals had entry thresholds allowing for 50% of target payouts, extending to a maximum of 200% of target payouts. For the Revenue Goal, the entry point was \$95 million of ablation and clip revenue, and the maximum goal was \$105 million.

For the named executive officers, the base salary and target annual incentive were determined in accordance with the Company's executive compensation philosophy and objectives described above, and as part of the Chief Executive Officer's annual compensation and performance review. These amounts are as follows:

Executive Officer	Base Salary (\$)	Target Annual Incentive of Base Salary (%)
Michael H. Carrel	\$ 515,000	75%
M. Andrew Wade	265,625	50
Patricia J. Kennedy ⁽¹⁾	272,445	75
Andrew L. Lux, Ph.D.	286,443	40
Douglas J. Seith	324,000	75

⁽¹⁾ Ms. Kennedy's compensation reported reflects her 2014 base salary converted from Euros to U.S. dollars using the average exchange rate during 2014 of 1.3290.

For all executive officers, the Compensation Committee established target award opportunities as a percentage of base salary, performance objectives and relative weightings for 2014. Target opportunity percentages, performance criteria and weightings for 2014 are summarized below:

Executive Officer	2014 Performance Measure Weighting			Target Incentive (\$)
	Revenue Goal	Functional Goals	Target Incentive	
Michael H. Carrel	70%	30%	75%	\$ 386,250
M. Andrew Wade	70%	30%	50%	132,813
Patricia J. Kennedy	70%	30%	75%	204,334
Andrew L. Lux, Ph.D.	70%	30%	40%	114,577
Douglas J. Seith	70%	30%	75%	243,000

For 2014, the Compensation Committee approved an incentive bonus program that would have enabled these executive officers to earn the target and maximum bonuses set forth below as a percentage of their base salaries.

Executive Officer	Percentage of 2014 Base Salary at Threshold Goals (%)	Percentage of 2014 Base Salary at Target Goals (%)	Percentage of 2014 Base Salary at Maximum Goals (%)
Michael H. Carrel	37.5%	75%	150%
M. Andrew Wade	25	50	100
Patricia J. Kennedy	37.5	75	150
Andrew L. Lux, Ph.D.	20	40	80
Douglas J. Seith	37.5	75	150

Total revenue used to calculate the bonus for 2014 was \$103.9 million, resulting in a 177% bonus payout related to the revenue goal. The functional goals were achieved in varying degrees, resulting in a 150% bonus payout. In the aggregate, the participants earned their bonuses at 169.2% of their targets.

Executive Officer	Percentage of Base Salary Earned (%)	Amount of Award (\$)
Michael H. Carrel	126.90%	\$ 653,522
M. Andrew Wade	84.60	224,714
Patricia J. Kennedy	126.90	345,733
Andrew L. Lux, Ph.D.	67.68	193,861
Douglas J. Seith	126.90	411,148

3. Equity Incentive Awards. We issue equity awards to our executive officers and employees under our 2014 Equity Incentive Plan to create an opportunity for our executive officers and employees to acquire an equity ownership interest in the Company and thereby motivate and retain executive talent and align employees and executives with the long-term interests of stockholders. The Compensation Committee continually reviews the value and mix of equity awards granted to executive officers in light of equity awards at peer group companies but does not target any specific position with respect to these peer group companies. The Compensation Committee also considers wealth accumulation for executive officers as a factor in making additional equity awards both as to type of award and number of underlying shares.

Share-based incentives are reviewed and approved by the Compensation Committee at committee meetings. Grants of restricted stock normally vest in 25% increments over four years. Stock option grants typically vest 25% on the first anniversary of the grant and the remaining 75% thereafter vests and is exercisable in equal monthly installments on the same day of the month over the following three years. Share-based awards are intended to reflect the employee's and executive's position, responsibility, contributions and performance and to consider each individual's current equity position. We believe that share-based awards will stimulate pride in ownership and motivate employees and executives to commit themselves to our performance and increasing stockholder value.

Each year, the Compensation Committee considers grants for executive officers and employees based on recommendations from the CEO, as well as the factors described above. With respect to newly hired executives, the size of the initial equity grants are determined based on the individual's position, experience and competitive market information. New hire grants are generally made at the date of hire. The exercise price for options equals the fair market value of our common stock on the date of the grant. The 2014 grants of restricted stock and stock options to Mr. Carrel were consistent with the initial grants of restricted stock and stock options as required by his employment agreement; grants in 2015 are subject to the same provision.

Beginning with equity incentive awards for 2013, the Company shifted the timing of such awards from the end of the fiscal year for which performance was being awarded to early in the following fiscal year in an effort to correspond NEO awards to the Company's overall performance review process timing. As a result, the NEOs received no equity incentive awards during 2013. Rather, equity incentive awards based on 2013 performance were granted in early 2014. The Company expects to maintain this timing for NEO equity incentive awards going forward.

Recovery of Prior Incentive Compensation

In 2011 the Board adopted a Clawback Policy that provides that in the event the Company is required to prepare an accounting restatement due to the material noncompliance of the Company with any financial reporting requirement under the securities laws, the Board of Directors shall require reimbursement to the Company of any performance-based award made to any officer of the Company where: (i) the payment was predicated upon achieving certain financial results that were subsequently the subject of a substantial restatement

of Company financial statements filed with the SEC; (ii) the members of the Board of Directors who are considered independent for purposes of the listing standards of the Nasdaq Stock Market determine the officer engaged in intentional misconduct that caused or substantially caused the need for the accounting restatement; and (iii) a lower payment would have been made to such officer based upon the restated financial results. In each such instance, the Company will, to the extent practicable, seek to recover from the officer the amount by which any performance-based awards paid to such officer for the relevant period exceeded the lower payment that would have been made based on the restated financial results. This policy applies to financial statements for periods ending on or after December 31, 2011, and, beginning on January 1, 2012, the award agreement or terms and conditions of any performance-based award by the Company to an officer include a provision incorporating the requirements of this policy.

AtriCure's Amended and Restated 2014 Stock Incentive Plan provides that any award issued under it shall be subject to forfeiture or repayment pursuant to the terms of any applicable compensation recoupment or recovery policy adopted by the Company, Compensation Committee or Board, as thereafter amended, including any policy adopted to comply with the rules of Nasdaq or the SEC. As a result, awards issued pursuant to the Amended and Restated 2014 Stock Incentive Plan are subject to the Clawback Policy adopted by the Board in 2011.

The Company reserves the right to include these and other additional compensation recovery provisions in equity award agreements for executive officers.

Perquisites

We do not generally provide executives with perquisites other than programs made available to all Company employees. Mr. Carrel's employment agreement provides for reimbursement of certain out-of-pocket expenses, including temporary housing and for reimbursement for incremental term life insurance. Ms. Kennedy receives an annual car allowance of \$12,000 (\$15,948), and Mr. Seith receives an annual car allowance of \$7,200. Further, Dr. Lux was provided \$21,311 in relocation benefits in 2014.

The Compensation Committee adopted a policy, effective January 1, 2012, that officers of the Company will not be reimbursed by the Company for personal taxes owed by them resulting from their receipt of perquisites, other than for relocation expenses. The Committee has made an exception to this policy for Mr. Carrel's life insurance premium payments, which was part of the incentive package offered to Mr. Carrel when he joined the Company.

Summary Compensation Table

The following table sets forth summary compensation information for 2014, 2013 and 2012 for our Chief Executive Officer, Chief Financial Officer and each of our three other most highly compensated executive officers who were serving in such capacities as of December 31, 2014. Except as provided below, none of our named executive officers received any other compensation required to be disclosed by law or in excess of 10% of their total annual compensation.

Name and Position	Year	Salary (\$)	Commissions (\$)	Stock	Option	Non-Equity	All Other	Total (\$)
				Awards (\$) ⁽¹⁾	Awards (\$) ⁽¹⁾	Incentive Plan Compensation (\$) ⁽²⁾	Compensation (\$) ⁽³⁾	
Michael H. Carrel President and Chief Executive Officer	2014	\$ 515,000	\$	\$ 1,402,674	\$ 3,942,296	\$ 653,522	\$ 22,530 ⁽⁴⁾	\$ 6,536,022
	2013	500,000				591,323	22,289 ⁽⁴⁾	1,113,612
	2012	83,333		394,002	1,306,337	118,125		1,901,797
M. Andrew Wade Senior Vice President and Chief Financial Officer	2014	265,625		631,200	670,660	224,714	8,250	1,800,449
	2013	212,500				167,541	8,469	388,510
	2012	150,177		121,475	474,386	43,206	2,675	791,919
Patricia J. Kennedy ⁽⁵⁾ Vice President and General Manager, International	2014	272,445		210,400	268,264	345,733	62,297	1,159,139
	2013	259,058	119,758			73,327	16,412	468,555
	2012	216,596	141,460	100,950	264,132	143,874	16,341	883,353
Andrew L. Lux, Ph. D. Senior Vice President,	2014	286,443		157,800	134,132	193,861	29,561 ⁽⁶⁾	801,797
	2013	278,100				175,410	40,638 ⁽⁶⁾	494,148
Operations and Quality Assurance	2012	258,750		166,500	679,430	116,855	61,560 ⁽⁶⁾	1,283,095
Douglas J. Seith Chief Operating Officer	2014	324,000		631,200	670,660	411,148	15,550 ⁽⁷⁾	2,052,558
	2013	300,000				354,794	16,075 ⁽⁷⁾	670,869
	2012							

⁽¹⁾ Amounts in the stock awards and option awards columns represent the aggregate grant date fair value of restricted stock awards and option awards computed as of each grant date in accordance with FASB ASC Topic 718. Additional information about the assumptions that we used when valuing equity awards is set forth in our Annual Report on Form 10-K in Notes 1 and 15 of the Notes to Consolidated Financial Statements. Restricted stock and option awards for 2013 performance were granted in 2014 and so these awards are reflected in 2014 compensation.

⁽²⁾ Amounts shown represent incentive-based awards earned in 2014, 2013 and 2012 pursuant to monthly, quarterly and/or annual incentive-based award programs.

⁽³⁾ Amounts shown include the matching contributions made under our 401(k) Plan.

⁽⁴⁾ Amounts shown include \$14,280 in 2014 and \$14,054 in 2013 in incremental life insurance premiums paid on behalf of Mr. Carrel.

⁽⁵⁾ Ms. Kennedy's cash compensation is generally paid in Euros. Amounts reported for compensation paid in Euros have been converted to U.S. Dollars using the average exchange rates during 2012 (1.2860), 2013 (1.3285) and 2014 (1.3290). Included in All Other Compensation for Ms. Kennedy is 12,000 (\$15,948 in 2014, \$15,942 in 2013, and \$15,432 in 2012) paid to Ms. Kennedy for a car allowance and 34,875 (\$46,349) in 2014 for pension.

⁽⁶⁾ Amounts shown include \$21,311 in 2014, \$31,999 in 2013 and \$58,885 in 2012 in relocation expenses paid to Dr. Lux.

⁽⁷⁾ The amount shown includes \$7,200 for a car allowance paid to Mr. Seith in 2014 and 2013.

Grants of Plan-Based Awards

The following table sets forth information concerning the annual performance bonuses for 2014 performance and stock option and restricted stock grants made during 2014 (for 2013 performance) to the executive officers named in the Summary Compensation Table.

Executive Officer	Grant Date	Estimated Possible Payouts Under Non-Equity Incentive Plan Awards ⁽¹⁾			Stock Awards: Number of Shares of Stock or Units (#)	Option Awards: Number of Securities Underlying Options (#)	Exercise or Base Price of Option Awards (\$/sh)	Grant Date Fair Market Value of Option Awards (\$)
		Threshold (\$)	Target (\$)	Maximum (\$)				
Michael H. Carrel		\$ 193,125	\$ 386,250	\$ 772,500			\$	\$
	1/24/2014				66,667			
	1/24/2014					125,000	21.04	1,676,650
M. Andrew Wade	1/24/2014	66,406	132,813	265,625				
	1/24/2014				30,000			
	1/24/2014					225,000 ⁽²⁾	21.04	3,310,250
Patricia J. Kennedy		102,167	204,334	408,668				
	1/24/2014				10,000			
	1/24/2014					20,000	21.04	268,264
Andrew L. Lux, Ph.D.		57,289	114,577	229,154				
	1/24/2014				7,500			
	1/24/2014					10,000	21.04	134,132
Douglas J. Seith		121,500	243,000	486,000				
	1/24/2014				30,000			
	1/24/2014					50,000	21.04	670,660

⁽¹⁾ Represents estimated bonuses eligible to be earned under our annual cash incentive plan for 2014. Any actual awards earned and paid to the named executive officers under these plans is reported in the Non-Equity Incentive Plan Compensation column in the Summary Compensation Table and are discussed earlier under the heading Compensation Discussion and Analysis.

⁽²⁾ Options to purchase shares in 25,000 increments vest at each Option Trigger Event. Option Trigger Event shall mean the volume adjusted weighted average closing price of the common stock of the company as reported by Nasdaq (or any other exchange on which the common stock of the Company is listed) for 30 consecutive days equals or exceeds each of \$10.00 per share, \$12.50 per share, \$15.00 per share, \$17.50 per share, \$20.00 per share, \$25.00 per share, \$30.00 per share, \$35.00 per share and \$40.00 per share.

Outstanding Equity Awards at Year-End

The table below sets forth information concerning the number and value of the unexercised stock options and restricted stock awards outstanding at December 31, 2014 for the executive officers named in the Summary Compensation Table. Under the Company's equity award plans, stock option awards have a ten-year term. For our named executive officers, options granted prior to August 6, 2005 (expiration date prior to August 6, 2015) vest 25% on each anniversary of the date of grant. Stock Option awards granted after August 5, 2005 (expiration date after August 5, 2015) vest 25% on the first year anniversary of the grant date and in equal monthly installments on the same day of the month over the remaining three years. Performance stock option awards granted to Mr. Carrel vest when Option Trigger Events are achieved. Restricted shares generally vest in 25% increments on the first four anniversaries of the grant date and vest in full upon a change of control. Restricted shares granted to Mr. Carrel vest four years from the date of grant.

Outstanding Equity Awards at Fiscal Year-End

Executive Officer	Option Awards				Stock Awards		Performance Shares Awards	
	Number of Securities Underlying Exercisable Options (#)	Number of Securities Underlying Unexercised Options (#)	Price (\$)	Expiration Date	Number of Shares or Units of Stock That Have Not Vested (#)	Market Value of Shares or Units of Stock That Have Not Vested (\$) ⁽¹⁾	Equity Incentive Awards: Number of Unearned Shares, Units or Other Rights That Have Not Vested (#)	Equity Awards: Market or Payout Value of Unearned Shares, Units or Other Rights That Have Not Vested (\$)
Michael H. Carrel	125,000	125,000	\$ 21.04	1/24/2024				
	65,104	100,000	21.04	1/24/2024				
	125,000	59,896	5.91	11/1/2022				
		100,000	5.91	11/1/2022				
					133,334	\$ 2,661,347		
M. Andrew Wade		50,000	21.04	1/24/2024				
	37,500	37,500	6.73	12/27/2022				
	18,958	16,042	6.27	10/25/2022				
	958	42	11.20	2/9/2021				
	1,000		1.50	2/10/2019				
	2,000		11.65	12/5/2017				
					38,750	773,450		
Patricia J. Kennedy		20,000	21.04	1/24/2024				
	30,000	30,000	6.73	12/27/2022				
	10,541	459	11.20	2/9/2021				
	22,000		5.5975	2/17/2020				
	6,250		1.50	2/10/2019				
					20,625	411,675		
Andrew L. Lux, Ph.D.		10,000	21.04	1/24/2024				
	49,583	20,417	9.92	2/15/2022				
	16,250	13,750	6.27	10/25/2022				
	10,000	10,000	6.73	12/27/2022				
					17,500	349,300		
Douglas J. Seith		50,000	21.04	1/24/2024				
	50,000	50,000	6.73	12/27/2022				
	11,429	9,671	6.27	10/25/2022				
	512		5.70	10/28/2018				
	10,000		10.05	7/30/2018				
	1,500		10.10	5/28/2018				
	200		12.22	2/8/2017				
	250		9.70	12/6/2016				
	5,000		11.06	2/8/2016				
	2,631		12.00	8/5/2015				
	1,513		11.63	4/6/2015				
					45,000	898,200		

⁽¹⁾ Based on the December 31, 2014 closing price of our common stock of \$19.96 per share.

Option Exercises and Stock Vested

	Option Awards		Stock Awards	
	Number of Shares Acquired on Exercise (#)	Value Realized on Exercises (\$) ⁽¹⁾	Number of Shares Acquired on Vesting (#)	Value Realized on Vesting (\$) ⁽²⁾
Executive Officer				
Michael H. Carrel		\$		\$
M. Andrew Wade			5,375	100,198
Patricia J. Kennedy			8,375	160,850
Andrew L. Lux, Ph.D.			5,000	100,950
Douglas J. Seith	5,263	106,628	8,750	158,863

- (1) Calculated by multiplying the number of shares acquired on exercise by the closing price of AtriCure common stock on the date of exercise.
- (2) Calculated by multiplying the number of shares acquired on vesting/release by the closing price of AtriCure common stock on the date of vesting/release.

Severance and Change in Control Arrangements

We have employment agreements with Michael H. Carrel, our President and Chief Executive Officer, Andrew L. Lux, Ph.D., our Senior Vice President Operations and Quality and Patricia J. Kennedy, our Vice President and General Manager, International. We also have Change in Control Agreements with Ms. Kennedy, Mr. Seith, our Chief Operating Officer, and Mr. Wade, our Senior Vice President and Chief Financial Officer.

Carrel Employment Agreement

If the Company terminates Mr. Carrel's employment without cause or if he terminates his employment for good reason, each as defined in his employment agreement, Mr. Carrel is entitled to a severance payment equal to twelve months of his then-current base salary plus a pro-rata portion of his target bonus for the year in which such termination occurred through the date of termination. If the termination occurs during a change in control period, he is entitled to a severance payment equal to up to twenty-four months of his then-current base salary plus his target bonus for the severance period. In the case of termination by Mr. Carrel for good reason or by the Company without cause or in the case of any change of control, any unvested restricted shares or time-based stock options shall fully vest on the date of termination.

Wade Change in Control Agreement

Mr. Wade's change in control agreement provides that if his employment terminates during a change in control period other than in connection with death, disability, cause or good reason, (each as defined in such agreement), he is entitled to a severance payment equal to twelve months of his then-current base salary plus his target bonus for the severance period.

Kennedy Employment and Change in Control Agreements

Ms. Kennedy's employment agreement does not provide for incremental benefits upon termination, death or a change in control, but her change in control agreement provides that if her employment terminates during a change in control period other than in connection with death, disability, cause or good reason, (each as defined in such agreement), she is entitled to a severance payment equal to six months of her then-current base salary plus her target bonus and commission for the severance period.

Lux Employment Agreement

If the Company terminates Dr. Lux's employment without cause or if he terminates his employment for good reason, each as defined in his employment agreement, Dr. Lux is entitled to a severance payment equal to six months of his then-current base salary. If the termination occurs during a change in control period, he is entitled to a severance payment equal to eighteen months of his then-current base salary plus an amount equal to his full bonus potential for the year in which the termination occurs.

Seith Change in Control Agreement

Mr. Seith's change in control agreement provides that if his employment terminates during a change in control period other than in connection with death, disability, cause or good reason, (each as defined in such agreement), he is entitled to a severance payment equal to twelve months of his then-current base salary plus his target bonus and commission for the severance period.

Treatment of Equity Awards

After termination of an executive officer or director following a change in control, he or she may exercise his or her vested options pursuant to the terms of our 2001 Stock Option Plan, our 2005 Equity Incentive Plan, our 2014 Stock Incentive Plan and/or the related stock option agreements. Generally, if termination is due to death or disability, the options will remain exercisable for twelve months. In all other cases, the options will generally remain exercisable for 90 days. Restricted stock owned by executive officers and options granted under our 2001 Stock Option Plan vest in full upon a change in control.

Upon a change in control of the Company, options granted under our 2005 Equity Incentive Plan and 2014 Stock Incentive Plan are either replaced with equivalent options of the acquiring entity or, if not so replaced, accelerate in full upon the change in control. However, for officers whose employment continues with the Company or a successor following a change in control, unvested options vest one-third upon the change in control and then generally in full upon completion of twelve months of employment following the change in control event except that if an officer is terminated without cause or resigns for good reason (each as defined in such plan) within one year after the change in control event, all options will vest in full upon such termination or resignation. As noted previously, Mr. Carrel's unvested restricted shares or time-based stock options vest in full on the date of termination upon a change in control.

The table below shows the potential payments, other than those generally available to all salaried employees, that would be payable to each named executive officer assuming a qualifying change in control or other triggering event had occurred on December 31, 2014.

Name	Payments Under Employment Agreement/Change In Control	Aggregate Value of Vested Equity	Aggregate Value of Unvested Equity	Other
	Agreement (\$)	Awards (\$)	Awards (\$)	
Michael H. Carrel	\$ 1,802,500	\$ 2,670,961	\$ 3,502,885	\$ 29,497
M. Andrew Wade	403,546	799,132	1,489,558	
Patricia J. Kennedy	375,943	920,589	812,596	
Andrew L. Lux, Ph.D.	544,242	852,576	874,824	16,844
Douglas J. Seith	573,231	915,028	1,558,117	

OTHER MATTERS

We are not aware of any other business to be presented at the Annual Meeting. As of the date of this proxy statement, no stockholder had advised us of the intent to present any business at the Annual Meeting. Accordingly, the only business that our Board intends to present is as set forth in this proxy statement.

If any other matter or matters are properly brought before the Annual Meeting or any postponement or adjournment thereof, each properly executed proxy card will be voted in the discretion of the proxies named therein. The proxies will use their discretion to vote on such matters in accordance with their best judgment.

The proxy card used by AtriCure for the Annual Meeting typically grants authority to management to vote in its discretion on any matters that come before the meeting as to which adequate notice has not been received. In order for a notice to be deemed adequate for the 2016 Annual Meeting, it must be received by February 25, 2016.

By Order of the Board of Directors,
/s/ M. Andrew Wade
M. Andrew Wade

Senior Vice President and Chief Financial Officer

West Chester, Ohio

April 10, 2015

**ANNUAL MEETING OF STOCKHOLDERS OF
ATRICURE, INC.**

May 20, 2015

**IMPORTANT NOTICE REGARDING INTERNET AVAILABILITY OF PROXY MATERIALS
FOR THE ANNUAL MEETING TO BE HELD ON MAY 20, 2015:**

You are receiving this communication because you hold shares in the above company,
and the materials you should review before you cast your vote are now available.

The proxy statement and annual report to security holders are available at:

<http://ir.atricure.com/phoenix.zhtml?c=189981&p=proxy>

Please sign, date and mail your proxy card in the
envelope provided as soon as possible.

- Please detach along perforated line and mail in the envelope provided. -

THE BOARD OF DIRECTORS RECOMMENDS A VOTE FOR THE ELECTION OF DIRECTORS FOR PROPOSAL 2, FOR PROPOSAL 3 AND FOR PROPOSAL 4. PLEASE SIGN, DATE AND RETURN PROMPTLY IN THE ENCLOSED ENVELOPE. PLEASE MARK YOUR VOTE IN BLUE OR BLACK INK AS SHOWN HERE. x

		FOR	AGAINST	ABSTAIN
1. Authority to elect as Directors the following nine (9) nominees.	2.
	Proposal to ratify the appointment of Deloitte & Touche LLP as independent registered public accounting firm of the Company for the year ending December 31, 2015.			

3. Advisory vote on the compensation of our named executive officers as disclosed in the proxy statement for the 2015 Annual Meeting.

- FOR ALL NOMINEES** O MICHAEL H. CARREL
- WITHHOLD AUTHORITY** O MARK A. COLLAR
- FOR ALL NOMINEES** O SCOTT W. DRAKE
- FOR ALL NOMINEES** O MICHAEL D. HOOVEN
- FOR ALL EXCEPT** O RICHARD M. JOHNSTON
- FOR ALL EXCEPT** O ELIZABETH D. KRELL, Ph.D.
- (See instructions below)
- O MARK R. LANNING
- O KAREN P. ROBARDS
- O ROBERT S. WHITE

THIS PROXY WILL BE VOTED AS DIRECTED OR, IF NO CONTRARY DIRECTION IS INDICATED, WILL BE VOTED AS FOLLOWS: (1) FOR THE ELECTION OF THE NOMINATED DIRECTORS; (2) FOR THE RATIFICATION OF THE APPOINTMENT OF DELOITTE & TOUCHE LLP AS INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM FOR THE YEAR ENDED DECEMBER 31, 2015; (3) FOR THE APPROVAL OF THE COMPENSATION OF OUR NAMED EXECUTIVE OFFICERS AS DISCLOSED IN THE PROXY STATEMENT FOR THE 2014 ANNUAL MEETING; AND (4) IN THE DISCRETION OF THE PROXY HOLDERS ON SUCH OTHER MATTERS AS MAY COME BEFORE THE MEETING.

PLEASE SIGN, DATE AND PROMPTLY RETURN THIS PROXY IN THE ENCLOSED RETURN ENVELOPE, WHICH IS POSTAGE PREPAID IF MAILED IN THE UNITED STATES.

INSTRUCTIONS: To withhold authority to vote for any individual nominee(s), mark **FOR ALL EXCEPT** and fill in the circle next to each nominee you wish to withhold, as shown here:

I PLAN TO ATTEND THE MEETING

To change the address on your account, please check the box at right and indicate your new address in the address space above. Please note that changes to the registered name(s) on the account may not be submitted via this method.

Signature of Stockholder

Date:

Signature of Stockholder

Date:

Note: Please sign exactly as your name or names appear on this Proxy. When shares are held jointly, each holder should sign. When signing as executor, administrator, attorney, trustee or guardian, please give full title as such. If the signer is a corporation, please sign full corporate name by duly authorized officer, giving full title as such. If signer is a partnership, please sign in partnership name by authorized person.

ATRICURE, INC.

2015 ANNUAL MEETING OF STOCKHOLDERS

THIS PROXY IS SOLICITED ON BEHALF OF THE BOARD OF DIRECTORS

The undersigned stockholder of AtriCure, Inc., a Delaware corporation, hereby acknowledges receipt of the Notice of Annual Meeting of Stockholders and Proxy Statement, each dated April 10, 2015, and hereby appoints Michael H. Carrel and M. Andrew Wade, or either of them, as proxy and attorney-in-fact, with full power of substitution, on behalf and in the name of the undersigned to represent the undersigned at the 2015 Annual Meeting of Stockholders of AtriCure, Inc. to be held on May 20, 2015 at 9:00 a.m. (EDT) at AtriCure's offices located at 6217 Centre Park Drive, West Chester, Ohio 45069, and at any postponement or adjournment thereof, and to vote all shares of common stock which the undersigned would be entitled to vote if then and there personally present, on the matters set forth on the reverse side and in their discretion with respect to such other business as may properly come before such Annual Meeting or at any postponement or adjournment thereof in accordance with and as described in the Notice and Proxy Statement for the Annual Meeting.

THIS PROXY WILL BE VOTED AS RECOMMENDED BY THE BOARD OF DIRECTORS UNLESS A CONTRARY CHOICE IS SPECIFIED.

PLEASE SIGN, DATE AND RETURN PROMPTLY IN THE ENCLOSED ENVELOPE.

(Continued and to be signed on the reverse side)