



CENTER FOR BIOETHICS AND SOCIAL SCIENCES IN MEDICINE

FALL 2017 NEWSLETTER

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The Center for Bioethics and Social Sciences in Medicine (CBSSM) is supported by the University of Michigan Medical School Dean's Office, the Office of Clinical Affairs, and the Department of Internal Medicine.

CBSSM Welcomes New Director

We are pleased to welcome Reshma Jagsi, MD, DPhil, as our new Director of the CBSSM. Dr. Jagsi is a professor and deputy chair in the Department of Radiation Oncology. Within CBSSM, she studies issues of bioethics arising from cancer care, including resource allocation issues, conflicts of interest and the ethical issues that arise from data collection and use in learning health systems. She also studies gender issues, including studies of women's representation in the senior ranks of academic medicine, barriers to their advancement and interventions intended to increase their representation.

A graduate of Harvard Medical School, Dr. Jagsi served as a fellow in the Center for Ethics at Harvard and also completed her doctorate in social policy at Oxford University as a Marshall Scholar. Her medical research focuses on improving the quality of care received by breast cancer patients, both by advancing the ways in which breast cancer is treated with radiation and by advancing the understanding of patient decision-making, cost and access to appropriate care.

Dr. Jagsi has been elected to the American Society of Clinical Investigation, the board of directors of the American Society of Clinical Oncology and the steering committee of the Association of American Medical Colleges Group on Women

in Medicine and Science. She is author of more than 150 publications in peer-reviewed journals and is funded by multiple independent grants from the National Institutes of Health and philanthropic foundations.

Originally a Texas native, Dr. Jagsi resides in Ann Arbor, Michigan with her husband John Pottow, Professor of Law in bankruptcy and commercial law at the University of Michigan Law School, and their two children.

CBSSM has been Dr. Jagsi's academic home since she joined the UMMS faculty over a decade ago. She looks forward to building on insights from our recent Center retreat to advance the clinical, educational, and research missions that we pursue together.

In this newsletter, we provide highlights on recent and upcoming activities within the Center (pages 4-5). We spotlight Geoffrey Barnes, MD, MSc and his work related to shared decision making and healthcare quality improvement for patients with pre-thrombotic disorders (page 2). We welcome postdoctoral fellow, Jeffrey DeWitt and research staff, Jennifer Acosta and Jennifer Skillicorn (page 3). We provide highlights of faculty news and press coverage (6-7), publications (pages 7-8), and other CBSSM news and updates (pages 9).

Research Spotlight: Geoffrey Barnes, MD, MSc

Geoffrey Barnes, MD, MSc is a cardiology and vascular medicine specialist at the University of Michigan and a health services researcher. He currently co-directs the Michigan Anticoagulation Quality Improvement Initiative (MAQI2), a six-centered BCBSM-sponsored anticoagulation quality improvement collaborative and registry (www.maqi2.org). His areas of research interest include anticoagulation, venous thromboembolism, quality improvement and shared decision making for patients with pro-thrombotic disorders, such as atrial fibrillation and venous thromboembolism.

In a study funded by Bristol-Myers Squibb, Dr. Barnes developed a shared decision making tool for anticoagulation in atrial fibrillation patients. This tool incorporates both risk stratification criteria and patient preferences and values to increase adherence to anticoagulant therapy. This tool is now being implemented in the University of Michigan Cardiology clinics. Using this tool, Dr. Barnes is also studying the persistence of patient values around anticoagulant therapy. In collaboration with the Society of Vascular Medicine, the “Anticoagulation for Stroke Prevention in Atrial Fibrillation” tool can be found at mybloodclots.org.

Dr. Barnes was also recently awarded a K01 career development award from National Heart, Lung, and Blood Institute (NHLBI) to improve anticoagulation care for patients undergoing procedures. This grant explores how the quality of peri-procedural anticoagulation management can be improved through the combination of health systems engineering methods and implementation science research. With input from a working group of patients and providers, Dr. Barnes has mapped out current peri-procedural anticoagulant management practices and looked at areas of potential miscommunication, confusion, or management variation. Based on this analysis, he is developing a process that standardizes and improves these management practices for patients. He is currently collecting patient and provider survey data to learn more about patient experiences and provider knowledge and decision making related to peri-procedural anticoagulation management.

Dr. Barnes is an active leader in the American Heart Association’s Peripheral Vascular Disease council, the American College of Cardiology as an associate editor of acc.org, and serves in various leadership roles with the International Society on Thrombosis and Haemostasis and the Society for Vascular Medicine.



Geoffrey Barnes, MD, MSc

Publication highlights:

Barnes GD, Misirliyan S, Kaatz S, Jackson EA, Haymart B, Kline-Rogers E, Kozlowski J, Krol G, Froehlich JB, Sales A. Barriers and facilitators to reducing frequent laboratory testing for patients who are stable on warfarin: a mixed methods study of de-implementation in five anticoagulation clinics. *Implement Sci.* 2017;12:87.

Barnes GD, Izzo B, Conte ML, Chopra V, Holbrook A, Fagerlin A. Use of decision aids for shared decision making in venous thromboembolism: A systematic review. *Thromb Res.* 2016;143:71-5.

Barnes GD, Kurlander J, Haymart B, Kaatz S, Saini S, Froehlich JB. Bridging Anticoagulation Before Colonoscopy: Results of a Multispecialty Clinician Survey. *JAMA Cardiol.* 2016;1:1076-7.

New Faces at CBSSM

New Postdoctoral Research Fellow: Jeffrey DeWitt, PhD

Jeff DeWitt completed a PhD in Social Psychology in 2017 while working in Dr. Gretchen Chapman's Medical Decision Making Lab at Rutgers University. Broadly, Jeff's research is focused on the interplay between social cognition and behavioral decision making with an emphasis on healthcare applications. In particular, he has investigated how our representations and predictions of others' beliefs and goals can influence our own in altruistic medical contexts such as whether to donate blood or receive a flu shot.

Jeff's current work seeks to integrate insights from (boundedly rational) theories of individual decision making with shared decision making tools and interventions aimed at the de-intensification of medical

services. He is interested in whether patient and provider adherence to best practices can be improved using mechanisms proposed by leading information-processing theories of decision making (e.g. Query Theory, Fuzzy Trace Theory, and Decision Field Theory) as well as social factors such as the prevailing norm(s) of one's reference group.



New Research Staff



Jennifer Skillicorn “Jen” joined CBSSM in August 2017. She works with Dr. Susan Goold and community partners on grant funded research projects related to evaluating Medicaid expansion and its impact on beneficiaries through the

Healthy Michigan Plan and ways in which to engage minority and underserved communities in setting priorities for community health.

Before joining CBSSM, Jen served as the Lead Analyst for HIV, STI, and Viral Hepatitis and Healthcare Integration at the National Association of County and City Health Officials (NACCHO).

Jennifer received her DrPH from the George Washington University Milken Institute School of Public Health, MPH from Tulane University School of Public Health and Tropical Medicine, and BA from Denison University.

Jennifer Acosta “Jenny” joined CBSSM in July 2017. She works with Dr. Geoff Barnes on projects focused on improving care for patients on anti-coagulants by addressing barriers to medication adherence and patient, physician, and hospital staff communication.

Jenny received her BA in Political Science and International Relations from the Ohio State University, and her MPH in Health Behavior and Health Education from the University of Michigan. Before joining CBSSM and going back to grad school, Jenny worked on projects focusing on chronic diseases with the Latino and refugee communities in Columbus, Ohio.



2017 CBSSM Recent Event Highlights

2017 Research Colloquium & Bishop Lecture

The CBSSM Research Colloquium was held on Tuesday, **April 25, 2017** at the Great Lakes Room, Palmer Commons, 100 Washtenaw Ave, Ann Arbor, MI. The CBSSM Research Colloquium featured the Bishop Lecture in Bioethics as the keynote address. **Norman Daniels, PhD** presented the Bishop Lecture with a talk entitled: **"Universal Access vs Universal Coverage: Two models of what we should aim for."**

Dr. Daniels is Mary B. Saltonstall Professor of Population Ethics and Professor of Ethics and Population Health in the Department of Global Health and Population at the Harvard School of Public Health. Formerly chair of the Philosophy Department at Tufts University, his most recent books include *Identified versus Statistical Lives* (Oxford 2015); *Just Health: Meeting Health Needs Fairly* (Cambridge, 2008); *Setting Limits Fairly: Learning to Share Resources for Health*, 2nd edition (Oxford, 2008); *From Chance to Choice: Genetics and Justice* (2000); and *Is Inequality Bad for Our Health?* (2000). He has published 200 peer-reviewed articles and as many book chapters, editorials, and book reviews. His research is on justice and health policy, including priority setting in health systems, fairness and health systems reform, health inequalities, and intergenerational justice. A member of the IOM, a Fellow of the Hastings Center, and formerly on the ethics advisory boards of the CDC and the CIHR, he directs the Ethics concentration of the Health Policy PhD at Harvard and recently won the Everett Mendelsohn Award for mentoring graduate students.



This event was co-sponsored by CBSSM & the Bishop Lectureship in Bioethics Fund.

Colloquium topics and presenters were as follows:

- "Setting priorities for Medicaid: The views of minority and underserved communities" Susan Goold, MD, MHSA, MA & Zachary Rowe, Executive Director, Friends of Parkside
 - "How Acceptable Is Paternalism? A survey-based study of clinician and non-clinician opinions on decision making after life threatening stroke" Kunal Bailoor, MD Candidate
 - "Ethical challenges faced by providers in pediatric death: A qualitative thematic analysis" Stephanie Kukora, MD
 - "Capacity for Preferences: An overlooked criterion for resolving ethical dilemmas with incapacitated patients" Jason Wasserman, PhD & Mark Navin, PhD
-

Upcoming CBSSM Events

CBSSM Seminars

Twice-monthly seminars are sponsored by CBSSM on a variety of topics. Seminars are generally scheduled on Tuesdays or Wednesdays at 3:00-4:00 pm located in 266C, NCRC Building 16, unless otherwise noted.

Upcoming Fall 2017 seminar dates:

- ♦ October 3: Timothy R. B. Johnson, MD
- ♦ October 10: Peter Jacobson, JD, MPH
- ♦ November 8: Roi Livne, PhD
- ♦ November 28: Jan Van den Bulck, PhD
- ♦ December 13: Christina Chapman, MD, MS

See <http://cbssm.med.umich.edu/news-events/events/cbssm-seminars> for further updates. You can add yourself to the CBSSM seminar list from the CBSSM website home page.

Join CBSSM's email list or update your email subscription on the **CBSSM Website**.

You can also connect with CBSSM on **Twitter**, **LinkedIn** and on **Facebook**!

Bioethics Grand Rounds

CBSSM's Clinical Ethics Service sponsors the Bioethics Grand Rounds, a monthly presentation and discussion of medical ethics. Bioethics Grand Rounds are generally scheduled the 4th Wednesday of the month at Noon in Ford Auditorium, University Hospital.

Upcoming Bioethics Ground Rounds:

- ♦ September 27: Nicholson Price, JD, PhD
- ♦ October 25: Reshma Jagsi, MD, DPhil
- ♦ November 22: Lauren Smith, MD
- ♦ December 20: Janice Firn, PhD/Tom O'Neill, MD

CME credit is available for UMHS faculty and staff. Lunch is provided.

CBSSM Working Group

The CBSSM Working Group (formerly known as PIHCD) provides a forum for project-focused interdisciplinary collaborations in topics related to bioethics, health communication, decision making and other topics that fit within the interdisciplinary interest areas of CBSSM.

CBSSM working groups provide an opportunity for investigators to receive feedback on research proposals, paper drafts, grant applications, or projects at any stage of development.

CBSSM Working Group usually meets on Tuesdays or Wednesdays at 4:00 pm in B004E.

To be added to the working group email list, contact Amy Lynn at lynnam@umich.edu OR join the email list through the CBSSM website: <http://cbssm.med.umich.edu>

Selected CBSSM Faculty Highlights

CBSSM welcomes faculty involvement across the University. Faculty affiliated with CBSSM come not only from the Medical School but also from the School of Public Health, the School of Public Policy, the Law School, and the College of Literature, Science and the Arts.

Reshma Jagsi was elected to the Board of Directors for the American Society of Clinical Oncology (ASCO).

Susan Goold was named Director of the Health Policy Path of Excellence and core faculty for the MICHR Community Engagement Program.

Naomi Laventhal was appointed to the American Academy of Pediatrics Committee on Bioethics.

Kayte Spector-Bagdady's commentary about the law and ethics of research with human biospecimens was published in *The Conversation*.

Sarah Hawley and **Reshma Jagsi** are co-authors on two studies highlighted in MHealth Lab on the impact of doctor-patient communication on patients' perceptions of their breast cancer recurrence risk. **Brian Zikmund-Fisher** was also co-author on one of these studies.

Elias Baumgarten, **Raymond De Vries**, **Kayte Spector-Bagdady**, **Michele Gornick**, & **Adam Marks** were judges at the 2017 A2Ethics High School Ethics Bowl January 28-29th.

Brian Zikmund-Fisher and former co-director, Angela Fagerlin, were featured in the Wall Street Journal article, "How to Get Patients to Take More Control of Their Medical Decisions."

Jeffrey Kullgren was featured in the Michigan Medicine article, "What do health plan deductibles really mean for people with chronic illness? New study takes a look."

Reshma Jagsi was a Keynote Speaker at "Strategies to Empower Women to Achieve Academic Success," sponsored by the A. Alfred Taubman Medical Research Institute.

Michele Gornick is a co-author of the new online Clinical Sequencing Exploratory Research (CSER) Genomic Report Toolkit.

Raymond De Vries' article, "Giving (Bits of) Your Self to Medicine" was published in *Medicine at Michigan*. Dr. De Vries discusses biobank consent and moral concerns related to biobank research.

Brian Zikmund-Fisher's *The Conversation* piece on raw cookie dough was cited in the *Popular Science Health* article, "The Chemicals In Burnt Toast And Crispy Fries Won't Kill You, But The Calories Might."

Kenneth Langa's national study, published in *JAMA Internal Medicine*, was cited in a *New York Times* article discussing US dementia trends.

A 2014 **Reshma Jagsi** study of the Long-Term Impact of Chemotherapy on Breast Cancer Survivors was cited by NPR piece, "As Drug Costs Soar, People Delay Or Skip Cancer Treatments."

Naomi Laventhal and **Stephanie Kukora** and colleagues were featured in MHealth Lab on their efforts toward improving the decision making process for families facing complex decisions about their unborn child's care.

James Burke was awarded the Michael S. Pessin Stroke Leadership Prize, which recognizes emerging neurologists who have a strong interest in and have demonstrated a passion for learning and expanding the field of stroke research.

Reshma Jagsi's *JAMA Oncology* article, "From Muslim Registries to Radical Health Care Reform—Caring for Patients in an Era of Political Anxiety" was cited in the *New York Times*.

Brian Zikmund-Fisher was quoted in a *Market Watch* article, "How doctors are getting patients more involved in their own care."

Kayte Spector-Bagdady, **Ed Goldman**, **Andrew Shuman** and others published a perspective piece in the *Journal of Clinical Oncology*, "Immortal Life of the Common Rule: Ethics, Consent, and the Future of Cancer Research" which has been highlighted in MHealth Lab.

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Selected 2017 Faculty Highlights (cont.)

"Maximizers vs. minimizers: The personality trait that may guide your medical decisions – and costs" by **Brian Zikmund-Fisher** and former post-doc, Laura Scherer was published in the *Conversation*.

Ed Goldman was made Fellow of the Michigan Bar Health Law Section and the AHLA (American Health Lawyers Association).

Geoffrey Barnes was featured in a MHealth Lab article, "Medication Adherence a Problem in Atrial Fibrillation Patients."

Reshma Jagsi was quoted in the Reuters Health News article, "How consent requirements may shape teen mental health research."

Brian Zikmund-Fisher was co-instructor for the online teach-out course, "Reach Out and RELATE: Communicating and Understanding Scientific Research."

In two videos for Northwestern University's The Trust Project, **Raymond De Vries** explored trust in medicine from a sociological perspective.

Reshma Jagsi was interviewed for Marketplace (NPR) on her JAMA Internal Medicine study, which found that elderly patients cared for by female doctors fare better than those treated by men.

Jeremy Sussman was quoted in a recent New York Times article, "You're 'prediabetic'? Join the club."

Selected 2017 Faculty Publications

Fetters MD, Molina-Azorin JF. The Journal of Mixed Methods Research Starts a New Decade: Principles for Bringing in the New and Divesting of the Old Language of the Field. *J Mixed Methods Res.* 2017;11:3-10.

Firn J, DeVries K, Morano D, Spano-English T. Social workers' experiences as the family support person during cardiopulmonary resuscitation attempts. *Soc Work Health Care.* 2017;56:541-55.

Goold SD, Myers CD, **Szymecko L**, Cunningham Collins C, Martinez S, Ledón C, et al. Priorities for Patient-Centered Outcomes Research: The Views of Minority and Underserved Communities. *Health Serv Res.* 2017;52:599-615.

Grech A, **Marks A**. Existential Suffering Part 2: Clinical Response and Management #320. *J Palliat Med.* 2017;20:95-6.

Hafez D, Fedewa A, Moran M, O'Brien M, Ackermann R, **Kullgren JT**. Workplace Interventions to Prevent Type 2 Diabetes Mellitus: a Narrative Review. *Curr Diab Rep.* 2017;17:9.

Hawley ST, Janz NK, Griffith KA, **Jagsi R**, Friese CR, Kurian AW, et al. Recurrence risk perception and

quality of life following treatment of breast cancer. *Breast Cancer Res Treat.* 2017;161:557-65.

Hawley ST, Li Y, Jeanpierre LA, Goodell S, **Jagsi R**, Ward KC, et al. Study protocol: A randomized controlled trial of a comprehensive breast cancer treatment patient decision tool (iCanDecide). *Contemp Clin Trials Commun.* 2017;5:123-32.

Heisler M, Mase R, Brown B, Wilson S, Reeves PJ. Study protocol: The Technology-Enhanced Coaching (TEC) program to improve diabetes outcomes – A randomized controlled trial. *Contemp Clin Trials.* 2017;55:24-33.

Jagsi R. Gender Equity in Epidemiology. *Epidemiology.* 2017;28:169-71.

Jagsi R, **Hawley ST**, Griffith KA, Janz NK, Kurian AW, Ward KC, et al. Contralateral prophylactic mastectomy decisions in a population-based sample of patients with early-stage breast cancer. *JAMA Surg.* 2017;152:274-82.

Janz NK, Li Y, **Zikmund-Fisher BJ**, **Jagsi R**, Kurian AW, An LC, et al. The impact of doctor-patient communication on patients' perceptions of their risk of breast cancer recurrence. *Breast Cancer Res Treat.* 2017;161:525-35.

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Selected 2017 Faculty Publications (cont.)

Jimbo M, Sen A, Plegue MA, **Hawley ST**, Kelly-Blake K, Rapai M, et al. Correlates of Patient Intent and Preference on Colorectal Cancer Screening. *Am J Prev Med*. 2017;52:443-50.

Jones RD, Sabolch AN, Aakhus E, Spence RA, Bradbury AR, **Jagsi R**. Patient perspectives on the ethical implementation of a rapid learning system for oncology care. *J Oncol Pract*. 2017;13:e163-e75.

Katz SJ, Wallner LP, Abrahamse PH, Janz NK, Martinez KA, **Shumway DA**, et al. Treatment experiences of Latinas after diagnosis of breast cancer. *Cancer*. 2017. [Epub ahead of print]

Kukora S, Gollehon N, **Laventhal N**. Antenatal palliative care consultation: Implications for decision-making and perinatal outcomes in a single-centre experience. *Arch Dis Child*. 2017;102:F12-F16

Kukora S, **Laventhal N**. Choosing wisely: should past medical decisions impact the allocation of scarce ECMO resources? *Acta Paediatr*. 2016;105:876-8.

Kukora S, **Laventhal N**. Resident Attitudes on Ethical and Medical Decision-Making for Neonates at the Limit of Viability. *Am J Perinatol*. 2016;33:449-55.

Lane M, **Vercler CJ**. Is Consent to Autopsy Necessary? Cartesian Dualism in Medicine and Its Limitations. *AMA J Ethics* 18: 771-8

Laventhal N, Verhagen AAE, Hansen TWR, Dempsey E, Davis PG, Musante GA, et al. International variations in application of the best-interest standard across the age spectrum. *J Perinatol*. 2017;37:208-13.

Mayo RM, Summey JF, Williams JE, Spence RA, Kim S, **Jagsi R**. Qualitative study of oncologists' views on the cancerling rapid learning system. *J Oncol Pract*. 2017;13:e176-e84.

Morrow M, **Hawley ST**, McLeod MC, Hamilton AS, Ward KC, Katz SJ, **Jagsi R**. Surgeon Attitudes and Use of MRI in Patients Newly Diagnosed with Breast Cancer. *Ann Surg Oncol*. 2017;24:1889-96.

Nelson DB, Rekoumis EY, **Barnosky AR**, Mangrulkar RS. Adapting academic tradition to cultivate leaders: Medical Student Grand Rounds. *Med Educ*. 2017;51:548-9.

Patton EW, Moniz MH, Hughes LS, Buis L, **Howell J**. National network television news coverage of contraception — a content analysis. *Contraception*. 2017;95:98-104.

Raj M, Choi SW, **Platt J**. A qualitative exploration of the informed consent process in hematopoietic cell transplantation clinical research and opportunities for improvement. *Bone Marrow Transplant*. 2017;52:292-8.

Roberts JS, **Gornick MC**, Carere DA, **Uhlmann WR**, Ruffin MT, Green RC. Direct-to-Consumer Genetic Testing: User Motivations, Decision Making, and Perceived Utility of Results. *Public Health Genomics*. 2017;20:36-45

Ryan KA, **de Vries RG**, **Uhlmann WR**, **Roberts JS**, **Gornick MC**. Public's Views toward Return of Secondary Results in Genomic Sequencing: It's (Almost) All about the Choice. *J Genet Couns*. 2017:1-16. [Epub ahead of print]

Segel JE, **Kullgren JT**. Health insurance deductibles and their associations with out-of-pocket spending and affordability barriers among US adults with chronic conditions. *JAMA Intern Med*. 2017;177:433-6.

Shuman AG, Larkin K, Thomas D, Palmer FL, Fins JJ, Baxi SS, et al. Patient Reflections on Decision Making for Laryngeal Cancer Treatment. *Otolaryngol Head Neck Surg*. 2017;156:299-304.

Skolarus LE, Mazor KM, Sánchez BN, Dome M, Biller J, **Morgenstern LB**. Development and Validation of a Bilingual Stroke Preparedness Assessment Instrument. *Stroke*. 2017;48:1020-5.

Zikmund-Fisher BJ, Scherer AM, **Knaus M**, Das E, Fagerlin A. Discussion of average versus extreme case severity in pandemic risk communications. *Emerg Infect Dis*. 2017;23:706-8.

CBSSM People

Staff News

Thanks to our Wellness Champion, **Erin Sears**, CBSSM was awarded a Wellness Grant to fund health promotion equipment to improve the culture of wellness in our workplace.

Lisa Szymecko accepted a new position at MSU's Department of Community Psychology. Congratulations!

Rochelle Jones is first author on a Journal of Oncology Practice (JOP) article, "Patient Perspectives on the Ethical Implementation of a Rapid Learning System for Oncology Care."

Tolu Olorode accepted a new position as Manager of Data & Impact at Openlands, a conservation organization in Chicago. Congratulations!

Cengiz Salman is starting a PhD program in American Culture at the University of Michigan this fall.

Kerry Ryan was first author on a Journal of Genetic Counseling article, "Public's Views toward Return of Secondary Results in Genomic Sequencing: It's (Almost) All About the Choice"

Megan Knaus has recently started an accelerated BSN nursing program at Wayne State University.

Our Student Staff

Khadijah Hussain is a senior in the college of LSA studying Biomolecular Science and hopes to attend medical school after she graduates. She loves to travel and in her free time she enjoys watching and playing sports as well as spending time outdoors biking and camping.

Malak Elshafei is a rising junior at the University of Pennsylvania studying Health Policy and Law and hopes to attend medical school after she graduates. In her free time she enjoys running through Ann Arbor's scenic routes, painting, and listening to the latest podcast episodes.

Baby News

Congratulations to **Jeff Kullgren** & his wife, Meg, on the birth of their son, Noah, on April 17, 2017. Noah joins brothers, Gabe (6) and Charlie (3).



Raymond De Vries has a new baby granddaughter, Juniper Rae De Vries-Ridgway born at home in Vermont on November 29, 2016. Congratulations!

Congratulations to **Christian Vercler** and his wife, Kate, on the birth of their daughter, Elizabeth Heritage Vercler, on March 23, 2017. Elizabeth joins sisters, Jackie (4) and Ali (2).

