



CENTER FOR BIOETHICS AND SOCIAL SCIENCES IN MEDICINE

SPRING 2016 NEWSLETTER

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CBSSM is supported by the Dean's Office at the University of Michigan Medical School, the Department of Internal Medicine, and the Ann Arbor Veterans Administration Medical Center (Center for Clinical Management Research).

Greetings from the Co-Directors

Spring of 2016 has been a time of change at CBSSM. To start, we moved to a newly renovated suite on the ground floor of North Campus Research Complex Building 14. This dedicated space is within the footprint of the Institute of Healthcare Policy and Innovation, just down the hallway from the main IHPI offices in Building 16 and across the hallway from the IHPI Clinician Scholars program. For those of you familiar with the building, we're right behind the IHPI timeline. Come stop by!

Another important change at CBSSM has been the launch of the new and expanded Clinical Ethics Program, co-directed by Andrew Shuman, MD and Christian Vercler, MD, MA (see page 3 for more details). As part of this program, CBSSM now co-hosts the monthly Bioethics Grand Rounds (page 5).

More than anything else, CBSSM is an intellectual nexus of clinicians, researchers, communicators, and patients. An interdisciplinary home for anyone who wants to consider and address the ethical and communications challenges inherent in medicine and health more broadly. Our success

is because of the amazing people who choose to participate in our intellectual community.

In this newsletter, we spotlight Jeff Kullgren, MD, MS, MPH and his work related to identifying innovative and scalable approaches to help patients and clinicians make better decisions (page 2). Jeff's work, which draws on many principles of behavioral economics, embodies the type of cross-disciplinary approaches that CBSSM seeks to incubate and support.

Of course, when we talk about people, we don't just mean investigators. Our incredible and highly motivated staff enable the research and clinical work we do. We have been fortunate to welcome two new staff, Amy Lynn and Emily Chen, to the CBSSM team.

In this issue of the newsletter, we also celebrate the success of several recent CBSSM events, including the Bishop Lecture in Bioethics, the CBSSM Research Colloquium, and our bimonthly Seminar series (pages 4-5). We also provide highlights from faculty news and press coverage (pages 6), publications (pages 7-8), and presentations (page 8), as well as, other CBSSM news (pages 9).

Research Spotlight: Jeffrey Kullgren, MD, MS, MPH

Jeff Kullgren, MS, MD, MPH is an Assistant Professor at the UM Department of Internal Medicine and a Research Scientist at the Ann Arbor VA Center for Clinical Management Research (CCMR). The main focus of Dr. Kullgren's research is identifying innovative and scalable approaches to help patients and clinicians make better decisions, primarily by leveraging insights from behavioral economics. A secondary focus of his research is understanding how consumer-directed health plans and health care price transparency affect patient decisions about use of health care.

Dr. Kullgren currently has a VA HSR&D Career Development Award which is seeking to understand at-risk Veterans' current engagement in behaviors to prevent diabetes, examining the effects of receipt of a prediabetes diagnosis on at-risk Veterans' engagement in behaviors to prevent diabetes, and exploring the effects of promising and innovative strategies from behavioral economics and health psychology on engagement in behaviors to prevent diabetes among Veterans with prediabetes.

In other work, Dr. Kullgren is developing a system for tailoring financial incentives for weight loss to employees' aspirations, and will soon be examining the preliminary effects of these tailored incentives on autonomous motivation to lose weight and on weight loss among obese U-M employees. This project is funded by a pilot grant from the Michigan Institute for Clinical & Health Research (MICHR).

Dr. Kullgren is also conducting a national survey of value-promoting consumer behaviors in high-deductible health plans, funded by the Robert Wood Johnson Foundation. This survey examines consumer engagement in value-promoting behaviors (such as choosing settings of care based on price or discussing costs with providers), which consumers are likely to engage in these behaviors, which behaviors consumers find beneficial, and facilitators of and barriers to these behaviors.

In addition, Dr. Kullgren recently received a grant from the Donaghue Foundation for a study that will test a behavioral economic strategy to reduce ordering of low-value health services among primary care and specialist physicians from IHA and UMHS. This project will examine the effects of the intervention on ordering patterns as well as on clinicians' and patients' experiences.



Jeff Kullgren, MD, MS, MPH

Publication highlights:

Kullgren JT, Dicks TN, Fu X, Richardson D, Tzani GL, Tobi M, Marcus SC. Financial incentives for completion of fecal occult blood tests among veterans: a 2-stage, pragmatic, cluster, randomized, controlled trial. Ann Intern Med. 2014;161(10 Suppl):S35-43.

Kullgren JT, Duey KA, Werner RM. A census of state health care price transparency websites. JAMA. 2013;309:2437-2438.

Kullgren JT, Troxel AB, Loewenstein G, Asch DA, Norton LA, Wesby L, Tao Y, Zhu J, Volpp KG. Individual- versus group-based financial incentives for weight loss: a randomized, controlled trial. Ann Intern Med. 2013;158:505-514.

Kullgren JT, Galbraith AA, Hinrichsen VL, Miroshnik I, Penfold RB, Rosenthal MB, Landon BE, Lieu TA. Health care use and decision making among lower-income families in high-deductible health plans. Arch Intern Med. 2010;170:1918-1925.

New Program in Clinical Ethics

The Program in Clinical Ethics within CBSSM represents an expansion of existing services designed to promote a culture of patient-centered excellence by developing a comprehensive set of ethics-related activities. The aims of this program are to: liaise with and provide support to the adult and pediatrics ethics committees; streamline clinical ethics consultation; assist with ethics-related policy development on a regular and proactive basis; organize and administer structured educational programs in clinical ethics; and coordinate empiric research with relevance to clinical ethics within CBSSM.

The Program in Clinical Ethics is co-directed by the chairs of the adult and pediatric ethics committees and consultation services, **Christian J. Vercler, MD, MA** and **Andrew G. Shuman, MD**. A dedicated clinical ethicist manages the program on a daily basis. A cadre of eight faculty ethicists rotate on service throughout the year and work closely with the clinical ethicist. Trainees and students rotate as well. Dedicated administrative support is organized through CBSSM.

Our clinical ethicist is **Janice Firn, PhD, MSW**. Dr. Firn received an MSW from the University of Michigan and a PhD in Palliative Care from Lancaster University. Dr. Firn began working with the Center for Bioethics in Social Sciences and Medicine (CBSSM) Clinical Ethics Program in January 2016. As the Clinical Ethicist at the University of Michigan Health System (UMHS), she responds to ethics consultation requests and participates in the Adult and Pediatric Ethics Committees, as well as preventative ethics, and education and research initiatives.

Our eight faculty ethicists are: **Elias Baumgarten, PhD, MA**; **Edward Goldman, JD, BA**; **Susan Goold, MD, MHSA, MA**; **Naomi Laventhal, MD, MA**; **Adam Marks, MD, MPH**; and **Lauren Smith, MD, BA**.

The Clinical Ethics Program offers adult and pediatric ethics consultation services across UMHS, and are available 24/7/365. More information about the adult and pediatric ethics committees and consultation services can be found on the Adult Ethics Committee and Pediatrics Ethics Committee web pages.

The Program in Clinical Ethics also provides a robust program for longitudinal education and awareness of clinical ethics for UMHS staff and trainees. With support from the UMHS Office of Clinical Affairs and C.S. Mott Children's Hospital and Von Voigtlander Women's Hospital, the Program in Clinical Ethics sponsors the monthly Bioethics Grand Rounds, focusing on ethical issues arising in health care and medicine. This educational session is open to UMHS faculty and staff and CME credit is available.

2016 Research Colloquium & Bishop Lecture

The CBSSM Research Colloquium was held Wednesday, April 27, 2016 at the Founders Room, Alumni Center, 200 Fletcher St., Ann Arbor, MI. The CBSSM Research Colloquium featured the Bishop Lecture in Bioethics as the keynote address. **William Dale, MD, PhD** presented the Bishop Lecture with a talk entitled: "**Why Do We So Often Overtreat, Undertreat, and Mistreat Older Adults with Cancer?**"

William Dale, MD, PhD is Associate Professor of Medicine and Chief, Section of Geriatrics & Palliative Medicine & Director, SOCARE Clinic at the University of Chicago. A geriatrician with a doctorate in health policy and extensive experience in oncology, Dr. Dale has devoted his career to the care of older adults with cancer -- particularly prostate cancer. Dr. Dale has a special interest in the identification and treatment of vulnerable older patients who have complex medical conditions, including cancer. He is actively researching the interactions of cancer therapies with changes associated with aging.



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

Colloquium presenters and their topics were as follows:

- Katrina Hauschildt, MA, PhD Candidate, Department of Sociology: "Language and Communication as Professionalization Projects in Clinical Ethics Consultation"
- Devan Stahl, PhD, Assistant Professor of Clinical Ethics, Center for Ethics and Humanities in the Life Sciences, MSU: "Is there a right not to know?"
- Chithra Perumalswami, MD, MSc, Robert Wood Johnson Foundation/Veterans Affairs Clinical Scholar: "Insurance Status of Elderly Americans and Location of Death"
- Lauren B. Smith, MD, Associate Professor, Department of Pathology/Ginny Sheffield, UM Medical Student (M3): "Special treatment for the VIP patient: Is it ethical? Is it dangerous?"
- Naomi Laventhal, MD, MA, Assistant Professor, Department of Pediatrics and Communicable Diseases: "Roman Charity Redux: The Moral Obligations of the Breastfeeding Physician"
- Archana Bharadwaj, Graduate Student, UM School of Public Health: "Patient understanding and satisfaction regarding the clinical use of whole genome sequencing: Findings from the MedSeq Project"
- Kayte Spector-Bagdady, JD, MBioethics, CBSSM Postdoctoral Research Fellow: "Direct-to-Consumer Biobanking"
- Panel Presentation: Susan Goold, MD, MHSA, MA; Zachary Rowe, BA; Karen Calhoun, MA; Charo Ledón; Lisa Szymecko, JD, PhD: "Community engagement in setting research priorities: Representation, Participation and Evaluation"

2016 CBSSM Events

Upcoming CBSSM Seminars

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

Special summer seminar date:

July 7 Stephen Mollidrem, PhD candidate

Upcoming Fall seminar dates (tentative):

- ◆ September 8
- ◆ September 22
- ◆ October 13
- ◆ October 19
- ◆ November 3
- ◆ November 16
- ◆ December 8

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 Program sponsors the monthly Bioethics Grand Rounds. Bioethics Grand Rounds is a monthly presentation and discussion of medical ethics. CME credit is available for UMHS faculty and staff.

Upcoming Bioethics Grand Rounds:

May 25 Kayte Spector-Bagdady, JD, MBioethics
 June 22 Timothy Johnson, MD
 July 27 Kunal Bailoor
 Sept 28 Carl Schneider, JD
 Oct 26 Devan Stahl, PhD

PIHCD Working Group

The PIHCD Working Group provides a forum for project-focused interdisciplinary collaborations in topics related to bioethics, health communication, decision making and other topics that fit within the 5 domains of CBSSM.

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

PIHCD usually meets on Wednesdays or Thursdays at 4 pm in B004E.

To be added to the PIHCD email list, contact Nicole Exe at nexe@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.

Geoffrey Barnes was selected as one of 12 IHPI junior faculty members to serve on the inaugural Junior Faculty Advisory Council (JFAC).

Beth Tarini and colleagues were featured on CNN, in the New York Times and other news outlets regarding their 2013 Pediatrics article, "Blindness in Walnut Grove: How Did Mary Ingalls Lose Her Sight?"

Scott Kim and **Raymond De Vries'** assisted suicide study was featured in the New York Times.

Kayte Spector-Bagdady, Nicole Exe (CBSSM staff), and **Michele Gornick** presented at the WMU Ethics Center's Conference. **Raymond De Vries** served as a moderator.

Kenneth Langa was named to the Institute of Medicine committee on decreasing risk of developing Alzheimer's-type dementia.

Brian Zikmund-Fisher was quoted in a Pacific Standard article on risk perception, GMOs & the Zika virus outbreak.

Reshma Jagsi was inducted into the UM League of Educational Excellence.

Brian Zikmund-Fisher was featured in "Medicine at Michigan-Gray Matters."

In an interview with MedicalResearch.com, **Sarah Hawley** discussed her new study regarding breast cancer patients' understanding of risk.

Jacob Seagull and his team were awarded the Provost's Teaching Innovation Prize for CaringWithCompassion.org.

Reshma Jagsi was quoted in a Business Insider article on the financial strains placed on cancer survivors.

Tanner Caverly and **Jeremy Sussman** were featured in the New York Times article "Some Older Patients Are Treated Not Wisely, but Too Much."

Andrew Barnosky was chosen as the President-Elect of the Washtenaw County Medical Society.

James Burke was selected as the Gilbert S. Omenn Fellow by the National Academy of Medicine.

Stephanie Kukora won a Faculty Award for Clinical Investigation/Health Services Research at the 26th Annual Pediatric Research Symposium.

Lauren Smith, **Naomi Laventhal**, **Christian Vercler**, and **Beth Tarini** spoke at the MSMS Conference on Neonatal and Pediatric Ethics.

Geoff Barnes weighed pros and cons of atrial fibrillation meds in UofMHealthBlogs.

Raymond De Vries and colleagues' 2006 article, "Normal Misbehavior: Scientists Talk about the Ethics of Research" was recently cited in New Scientist article and a Transhuman Tech blog about (dis)honesty in scientific research.

Darin Zahuranec, **Angie Fagerlin**, **Lewis Morgenstern** and colleagues' article on severe stroke prognoses and treatment variability was highlighted by IHPI and other health media outlets.

Geoffrey Barnes and colleagues' model to help medication decision-making in patients at-risk for stroke was featured in the Michigan Daily.

Aaron Scherer and **Angie Fagerlin** received a NSF grant to study interventions to improve public understanding of pandemic risk.

Andrew Shuman delivered the inaugural C.T. Lee Endowed Lectureship on Humanistic Compassionate Care.

Geoff Barnes' perspective piece on the role of anti-coagulation clinics was featured in the UM Health Lab blog.

Aaron Scherer accepted a faculty position with the Department of Internal Medicine at the University of Iowa.

Selected 2015-2016 Faculty Publications

- Barnes GD**, Jackson EA. Tobacco use in peripheral artery disease: An economic drag. *J Am Coll Cardiol.* 2015;66:1575-6.
- Caverly TJ**, **Fagerlin A**, **Zikmund-Fisher BJ**, Kirsh S, **Kullgren JT**, Prenovost K, Kerr EA. Appropriate prescribing for patients with diabetes at high risk for hypoglycemia: National survey of veterans affairs health care professionals. *JAMA Intern Med.* 2015;175:1994-6.
- Caverly TJ**, Kerr EA, Saini SD. Delivering patient-centered cancer screening: Easier said than done. *Am J Prev Med.* 2016;50:118-21.
- Childerhose JE, **Tarini BA**. Understanding outcomes in adolescent bariatric surgery. *Pediatrics.* 2015;136:e312-4.
- De Vries RG**, Tomlinson T, **Kim HM**, Krenz CD, Ryan KA, Lehpamer N, Kim SY. The moral concerns of biobank donors: The effect of non-welfare interests on willingness to donate. *Life Sci Soc Policy.* 2016;12:3. [Epub]
- Everett JN**, Mody RJ, Stoffel EM, Chinnaiyan AM. Incorporating genetic counseling into clinical care for children and adolescents with cancer. *Future Oncol.* 2016;12:883-6.
- Fetters MD**, Guetterman TC, Power D, Nease DE, Jr. Split-session focus group interviews in the naturalistic setting of family medicine offices. *Ann Fam Med.* 2016;14:70-5.
- Guetterman TC, **Fetters MD**, Creswell JW. Integrating quantitative and qualitative results in health science mixed methods research through joint displays. *Ann Fam Med.* 2015;13:554-61.
- Holmes-Rovner M, Montgomery JS, Rovner DR, Scherer LD, Whitfield J, Kahn VC, Merkle EC, Ubel PA, **Fagerlin A**. Informed decision making: Assessment of the quality of physician communication about prostate cancer diagnosis and treatment. *Med Decis Making.* 2015;35:999-1009.
- Jagsi R**, Biga C, Poppas A, Rodgers GP, Walsh MN, White PJ, McKendry C, Sasson J, Schulte PJ, Douglas PS. Work activities and compensation of male and female cardiologists. *J Am Coll Cardiol.* 2016;67:529-41.
- Kim SY, **De Vries RG**, Peteet JR. Euthanasia and assisted suicide of patients with psychiatric disorders in the Netherlands 2011 to 2014. *JAMA Psychiatry.* 2016;73:362-8.
- 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.
- Kullgren JT**. Injecting facts into the heated debates over Medicaid expansion. *Ann Intern Med.* 2016. [Epub ahead of print]
- Kullgren JT**, Hwang A, Kozhimannil KB. Innovations to more effectively engage patients and caregivers across the health care spectrum. *Healthc (Amst).* 2016;4:1-2.
- Long BD, **Shuman AG**. Could good care mean withholding information from patients? *AMA J Ethics.* 2016;18:6-11.
- Lynema S, Fifer CG, **Laventhal NT**. Perinatal decision making for preterm infants with congenital heart disease: Determinable risk factors for mortality. *Pediatr Cardiol.* 2016. [Epub ahead of print]
- Morgenstern LB**, Kissela BM. Stroke disparities: Large global problem that must be addressed. *Stroke.* 2015;46:3560-3.
- Sandberg DE**, Gardner M. Short stature: Is it a psychosocial problem and does changing height matter? *Pediatr Clin North Am.* 2015;62:963-82.
- Scherer AM**, Bruchmann K, Windschitl PD, Rose JP, Smith AR, Koestner B, Snetselaar L, Suls J. Sources of Bias in Peoples' Social-Comparative Estimates of Food Consumption. *J Exp Psychol Appl.* 2016 [Epub ahead of print]
- Shultz CG, **Jimbo M**. Decision aid use in primary care: An overview and theory-based framework. *Fam Med.* 2015;47:679-92.
- Shumway D**, Griffith KA, **Jagsi R**, Gabram SG, Williams GC, Resnicow K. Psychometric properties of a brief measure of autonomy support in breast cancer pa-

(Continued on page 8)

Selected 2015-2016 Faculty Publications (cont.)

tients. *BMC Med Inform Decis Mak.* 2015;15:51.

Spector-Bagdady K. Reconceptualizing consent for direct-to-consumer health services. *Am J Law Med.* 2015;41:568-616.

Tarini BA, Zikmund-Fisher BJ, Saal HM, Edmondson L, Uhlmann WR. Primary care providers' initial evaluation of children with global developmental delay: A clinical vignette study. *J Pediatr.* 2015;167:1404-8 e1.

Valley TS, Fagerlin A. Disruptive technology. Can electronic portals promote communication in the intensive care unit? *Ann Am Thorac Soc.* 2016;13:309-10.

Vijan S, **Fagerlin A.** Diabetes risk assessment and glycemic control. *JAMA.* 2015;314:1861-2.

Voepel-Lewis T, **Zikmund-Fisher BJ, Smith EL, Redman RW, Zyzanski S, Tait AR.** Parents' analgesic trade-off dilemmas: How analgesic knowledge influences their decisions to give opioids. *Clin J Pain.* 2016;32:187-95.

Walter JK, Griffith KA, **Jagsi R.** Oncologists' experiences and attitudes about their role in philanthropy and soliciting donations from grateful patients. *J Clin Oncol.* 2015;33:3796-801.

Williamson KA, **Vercler CJ.** Should children be asked

to be bone marrow donors for siblings? *AMA J Ethics.* 2016;18:18-23.

Witteman HO, **Fagerlin A, Exe N, Trottier ME, Zikmund-Fisher BJ.** One-sided social media comments influenced opinions and intentions about home birth: An experimental study. *Health Aff (Millwood).* 2016;35:726-33.

Witteman HO, Gavaruzzi T, Scherer LD, Pieterse AH, Fuhrel-Forbis A, Chipenda Dansokho S, Exe N, Kahn VC, Feldman-Stewart D, Col NF, Turgeon AF, **Fagerlin A.** Effects of design features of explicit values clarification methods: A systematic review. *Med Decis Making.* 2016.

Wright Nunes JA, Cavanaugh KL, Fagerlin A. An informed and activated patient: Addressing barriers in the pathway from education to outcomes. *Am J Kidney Dis.* 2016;67:1-4.

Zahuranec DB, Fagerlin A, Sánchez BN, Roney ME, Thompson BB, Fuhrel-Forbis A, Morgenstern LB. Variability in physician prognosis and recommendations after intracerebral hemorrhage. *Neurology.* 2016; 15:10-212.

Zikmund-Fisher BJ, Janz NK, Hawley ST, Griffith KA, Sabolch A, Jagsi R. Communication of recurrence risk estimates to patients diagnosed with breast cancer. *JAMA Oncol.* 2016. [Epub ahead of print]

Recent CBSSM Faculty Presentations at SGIM

CBSSM investigators were well represented at the Society Of General Internal Medicine (SGIM) Annual Meeting in Hollywood, FL, May 11-14, 2016.

A few highlights:

Caverly T. Examining the effect of cancer risk and patient preferences on the net benefit of lung cancer screening: A personalized lung cancer screening model. Poster presentation.

Caverly T. What is the best way to communicate the benefits and harms of lung cancer screening? Poster presentation.

Goold S. Priorities for patient centered outcomes research: the views of minority and underserved communities. Oral presentation.

Kullgren J. Early experiences of Michigan's Medicaid expansion beneficiaries with cost-sharing and financial incentives for healthy behaviors. Poster presentation.

Kullgren J. A mixed methods study of initial engagement in behaviors to prevent diabetes among employees with prediabetes. Oral presentation.

Sussman J. The Veterans Affairs cardiac risk score: recalibrating the ASCVD score for applied use. Oral presentation

CBSSM People

New Faces at CBSSM



Amy Lynn recently joined CBSSM as Senior Administrative Assistant. Amy has been with the University of Michigan for 3 ½ years. After one year in Interventional Radiology, Amy was promoted to Clerical Team Lead in the Nuclear Medicine department, soon moving forward to her administrative role with General Medicine and the VA Healthcare system.

Prior to the U of M Amy was an Operations Manager for a Home Healthcare Company. Amy has flourished in her work with past experience in administration, business development, clerical leadership and customer service. In her free time, Amy enjoys the outdoors and spending time with her two children.



Emily Chen joined CBSSM in February 2016 and works with Drs. Julie Wright and Darin Zahuranec on several grant funded research projects on developing decision aids and family perspectives in decision making. Prior to moving to Michigan, Emily worked on several studies regarding mindfulness and cognitive styles at Harvard University.

Emily received her BS in Atmospheric Science and a certificate in Neurobiology and Cognitive Science from National Taiwan University. She went on to receive her MA in Psychology from Boston University. In her free time, Emily likes to travel, play volleyball, and work as a barista. She would love to have her very own espresso machine someday.

Other CBSSM News

Congratulations to **Geoff Barnes** on his recent marriage to Grant Gorman on February 14, 2016.

Pranavi Midatha (Navi), our wonderful ex-student worker (now UM graduate), has re-joined us for the spring/summer before heading off to graduate school.

Kerry Ryan was a recipient of the 2016 Staff Award for Excellence in the Department of Internal Medicine.

Rochelle Jones is first author on an Academic Medicine article coming out this year : "A Mixed-Methods Investigation of the Motivations, Goals, and Aspirations of Male and Female Academic Medical Faculty."



Student Staff at CBSSM

Khadijah Hussain is a rising junior at U of M studying biomolecular science and hopes to go to medical school after she graduates. She likes watching and playing sports and enjoys outdoor activities such as biking and camping.

