Center for Bioethics and Social Sciences in Medicine

2010-2012 Report
The Center for Bioethics and Social Sciences in Medicine (CBSSM) is a multidisciplinary unit that integrates bioethics with key social science disciplines, bringing together in one entity research, education, policy work, and service.

CBSSM attracts scholars from across departmental and disciplinary boundaries and in so doing, provides fertile ground for new synergies.

The primary research interests of CBSSM faculty focus on five overarching themes:

1) clinical and research ethics
2) health communication and decision making
3) medicine and society
4) health, justice and community
5) genomics, health and society
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Message from the Co-Directors

Although the Center for Bioethics and Social Sciences in Medicine is relatively new, it has a rich heritage as a product of two previous entities at the University of Michigan Medical School—the Center for Behavioral and Decision Sciences in Medicine and the Bioethics Program. With the support of the Dean, the VA, and the Departments of Internal Medicine and Psychiatry, CBSSM has become a home for researchers with multiple perspectives on health decision making and behavior and bioethics.

Two endeavors, in particular, illustrate the Center’s unique and expanding role in the UMMS community. First, we expanded our research portfolio by starting the Program in Genomics, Health and Society. This program, headed by Scott Roberts, PhD of the School of Public Health, began initially as a group of Center investigators (Scott Roberts, Brian Zikmund-Fisher, Raymond De Vries, and Scott Kim) responding to a large RFA on personalized genomic medicine in partnership with colleagues in the UMCCC. Because of these relationships created by CBSSM, we were able to rapidly develop a mature proposal focusing on the bioethical and health communication aspects of targeted genomics in oncology. This led to local pilot research support, an American Association for Cancer Research grant (Arul Chinnaiyan, PI), and eventually a large multi-PI grant (“Exploring Precision Cancer Medicine for Sarcoma and Rare Cancers”) from NIH. No other unit in the University offers in one place the expertise in bioethics, medical sociology, health communication, and decision sciences essential to better understand and address the ethical and psychosocial challenges created by large genome-segment sequencing in clinical practice. With the hiring of a Center post-doctoral fellow with a focus on ethical and social issues in human genetics, we now have a full-fledged Program in Genomics, Health and Society that serves as a crucial locus for facilitating collaborations related to the burgeoning field of personal genomics research.”

A second focus on expansion in activities has been our UM Medical School Ethics Education Initiative, led by Raymond De Vries, PhD (Professor of Medical Education), Lauren Smith, MD (Assistant Professor of Pathology), and Andrea Fuhrer-Forbis, MA (Research Area Specialist). Using a systematic strategy of interactive learning, collaboration building, and service to the UMHS we are creating a solid foundation for long-term leadership and service. Working with the Dean of Medical Education, we have brought ethical issues more explicitly into the Medical School curriculum and increased engagement with these issues among medical students. Our efforts include reflection on, and discussion of, ethical challenges faced by medical students during required clinical rotations, an online advanced medical therapeutics ethics module for M4 medical students, facilitated lunch discussions (“Start Seeing Ethics”), and mock ethics committee meetings. Fall 2013 will mark the beginning of the Ethics Path-
ways of Excellence, which represents an opportunity for students to receive mentored training in ethics during medical school. Additionally, we are branching out into graduate medical education with the introduction of a professionalism curriculum for the Anesthesiology residents in Summer 2014.

The Center emphasizes training junior researchers. Our center consistently is training 2-3 post-doctoral fellows in bioethics and health communication and decision making (these are typically selected out of 30+ applications). In the 3 years since the inception of the center we have trained five post-doctoral fellows. We also mentor a number of Robert Wood Johnson Clinical Scholars, as well as fellows and junior faculty from multiple departments (e.g., Internal Medicine, Neurology, Nephrology, Plastic Surgery, Emergency Medicine, Otolaryngology, and Ophthalmology). The presence of our center and our ability to support the training of junior faculty played a significant role in the hiring of new junior faculty in Plastic Surgery, Otolaryngology, Nephrology, and Internal Medicine.

Finally, a considerable strength of our center is developing collaborations among faculty from throughout the University. Faculty from public health, psychology, the law school and the medical school have worked on grants and studies and these projects have greatly benefited from the interdisciplinary collaborations.

In the next year, we look forward to training four new post-doctoral fellows and welcoming 2 new junior faculty collaborators (in Plastic Surgery and Otolaryngology). We will continue to work diligently to integrate ethics into the medical school curriculum and to present important work in bioethics and social sciences to the University community.

Sincerely,

Angela Fagerlin, PhD, Co-Director
Scott Kim, MD, PhD, Co-Director
Scott Kim, MD, PhD, is an Associate Professor of Psychiatry. His work addresses a variety of ethical issues in health care and research. He has worked extensively on the ethics of research involving the decisionally impaired, on surrogate consent for incapacitated patients, on the ethics of gene transfer research for neurodegenerative disorders, including the ethics of sham surgery trials, and on ethical design of research protocols in neuropsychiatry. He has used a variety of quantitative and qualitative methods, including normative analysis, experimental surveys, decision analysis, as well as democratic deliberative methods. Dr. Kim’s work has been supported by grants from NIMH, NINDS, NIA, Michael J. Fox Foundation, and the American Association for Geriatric Psychiatry. He was a Greenwall Faculty Scholar in Bioethics.

Angela Fagerlin, PhD is an Associate Professor of Medicine and Adjunct Associate Professor of Psychology at the University of Michigan and a Research Scientist at the VA Ann Arbor Center for Clinical Management Research. Her research focuses on the development and testing of decision support interventions, particularly in terms of their impact on patients' knowledge, treatment preferences, and communication with their physician (measured quantitatively and through coding of audio recordings). Additionally, she has been involved in dozens of studies that have tested risk communication methods in order to develop the best practices for communicating the risks and benefits of treatment. Dr. Fagerlin’s research has been funded by the NCI, NIH, and the VA.
Advisory Board

CBSSM People

**John Chamberlin, PhD**, is Professor of Public Policy in the Gerald R. Ford School of Public Policy and Professor of Political Science in the College of Literature, Science and the Arts. He also served as Director of the Center for Ethics in Public Life.

**Joel Howell, MD, PhD**, is Professor of Internal Medicine in the Department of Internal Medicine; Professor of Health Management and Policy in the School of Public Health; Professor of History in the College of Literature, Science and the Arts; and Victor Vaughan Professor of the History of Medicine.

**Nancy Janz, PhD**, is currently the Associate Dean for Academic Affairs at the School of Public Health and a Professor in the Department of Health Behavior and Health Education; she is also Associate Director of the Center for Managing Chronic Disease.

**John Piette, PhD**, is Professor of Internal Medicine in the Department of Internal Medicine and is a career scientist with the Health Services Research and Development Center of Excellence (COE), VA Ann Arbor Healthcare System.
CBSSM attracts scholars from across departmental and disciplinary boundaries and in so doing, provides fertile ground for new synergies. Our CBSSM faculty represent 16 Departments across the UM Medical School, as well as the College of Literature, Science, and the Arts (LSA), the UM School of Public Health, the Ford School of Public Policy, the Institute of Social Research, the UM Law School, and the Michigan Institute for Clinical & Health Research (MICHR).

**Renee Anspach, PhD**  
Associate Professor  
Sociology

**Mick Couper, PhD**  
Research Professor  
Institute for Social Research

**Andrew Barnosky, DO, MPH**  
Associate Professor  
Emergency Medicine

**Raymond G. De Vries, PhD**  
Professor  
Medical Education & Sociology

**James Burke, MD**  
Clinical Lecturer  
Neurology

**Michael Fetters, MD, MPH**  
Professor  
Family Medicine

**John Chamberlin, PhD**  
Professor  
Political Science & Public Policy

**Edward Goldman, JD, BA**  
Associate Professor  
Obstetrics & Gynecology
Faculty

CBSSM People

Susan Goold, MD, MHSA, MA
Professor
General Medicine
Health Management and Policy

Jennifer Griggs, MD, MPH
Associate Professor
Hematology/Oncology
Health Management & Policy

Lisa Harris, MD, PhD
Assistant Professor
Obstetrics & Gynecology

Sarah Hawley, PhD, MPH
Associate Professor
General Medicine

Joel Howell, MD, PhD
Professor
General Medicine, History, and Health Management and Policy

Reshma Jagsi, MD, DPhil
Associate Professor
Radiation Oncology

Masahito Jimbo, MD, PhD, MPH
Associate Professor
Family Medicine & Urology

Karen Kelly-Blake, PhD
Research Associate
College of Human Medicine, MSU

Jeff Kullgren, MS, MD, MPH
Assistant Professor
General Medicine

Kenneth Langa, MD, PhD
Professor
General Medicine, Gerontology, & Health Management & Policy
Faculty

CBSSM People

Naomi Laventhal, MD
Clinical Assistant Professor
Pediatrics

Dorene Markel, MS, MHSA
Research Investigator
Medical Education

Sacha Montas, MD
Clinical Lecturer
Emergency Medicine

Kathryn Moseley, MD
Assistant Professor
Pediatrics

J. Scott Roberts, PhD
Associate Professor
Health Behavior & Health Education

Carl Schneider, JD
Professor, Law

Norbert Schwarz, Dr. Phil
Professor
Psychology & Institute of Social Research

F. Jacob Seagull, PhD
Assistant Professor
Medical Education

Robert Silbergleit, MD
Associate Professor
Emergency Medicine

Lauren Smith, MD
Associate Professor
Pathology
Faculty

CBSSM People

Nicholas Steneck, PhD
Director, Research Ethics & Integrity Program, MICHRI

Michael Volk, MD, MSc
Assistant Professor
Gastroenterology & Hepatology

Victor Strecher, PhD, MPH
Professor
Health Behavior & Health Education

Julie Wright, MD, MPH
Clinical Lecturer
Nephrology

Alan Tait, PhD
Professor
Anesthesiology

Darin Zahuranec, MD
Assistant Professor
Neurology

Beth Tarini, MD, MS
Assistant Professor
Pediatrics

Brian Zikmund-Fisher, PhD
Assistant Professor
Health Behavior & Health Education
CBSSM has an active mentoring and training program for post-doctoral research fellows. CBSSM faculty also mentor Postdoctoral Fellows from the Robert Wood Johnson Foundation Clinical Scholars Program and the Veteran’s Administration. In addition, CBSSM faculty mentor research assistants who go on to pursue advanced degrees.

**Mentorship & Training**

**CBSSM People**

Enesha Cobb, MD  
Clinical Research Fellow,  
2012-2014  
RWJ Clinical Scholars Program

Michele Gornick, PhD  
Post-doctoral Fellow,  
Ann Arbor VA/CBSSM,  
2012-2014

Melissa Constantine, PhD  
Post-doctoral Fellow, CBSSM,  
2011-2013

Christian Vercler, MD, MA  
Craniofacial Surgery Fellow,  
UM, 2012-2013

Laura Scherer, PhD  
CBSSM Postdoctoral Fellow,  
2010-2012  
Assistant Professor  
Psychological Sciences,  
University of Missouri

Jennifer Walter, MD, PhD, MS  
RWJF Clinical Scholar, 2010-2012  
Assistant Professor, Pediatrics  
University of Pennsylvania Perelman School of Medicine

Andrea Fuhrel-Forbis, PhD  
CBSSM Postdoctoral Fellow,  
2009-2011  
Research Associate,  
Ethics in Medical Education,  
University of Michigan

Holly Witteman, PhD  
CBSSM Postdoctoral Fellow,  
2009-2011  
Assistant Professor of Medicine,  
Université Laval, Québec

Stephen Henry, MD  
RWJF & VA Scholar, 2009-2012  
Assistant Professor, General Medicine, Geriatrics, and Bioethics, University of California Davis Medical School

Ian Wall  
Research Associate, 2008-2010  
Graduate Student, Sociology  
University of Wisconsin-Madison
Visiting Scholars

CBSSM People

CBSSM has been the host to a number of international visiting scholars working in the area of bioethics and health communication.

Yong Li, PhD
Visiting Scholar, 2012-2013
Center for Bioethics & Health Law
School of Health Policy & Management
Nanjing Medical University
Nanjing, P.R. China

Gina Bravo, PhD
Visiting Scholar, 2011-2012
Medicine and Health Sciences
Université de Sherbrooke
Québec

Marieke de Vries, PhD
Visiting Scholar, 2010
Leiden University Medical Center
Leiden, The Netherlands

Ida Korfage, MSc, PhD
Visiting Scholar, 2010
Erasmus MC
University Medical Center
Rotterdam
Rotterdam, The Netherlands
Valerie Kahn, MPH
Center Manager
Valerie joined CBSSM as the Center Manager in the fall of 2012 after working as a Project Manager at CBSSM since 2009. Valerie continues her work on research projects involving medical decision making and doctor-patient communication. Valerie received her MPH in Health Behavior Health Education from the University of Michigan.

Kerry Ryan, MA
Research Associate & Public Relations/Event Planning Coordinator
Kerry joined CBSSM as the PR/Event Planning Coordinator in the fall of 2012 after working as a Research Associate at CBSSM since 2010. Kerry received her MA in Sociology at the University of Michigan.

Sandra Moing
Senior Administrative Assistant
Sandra has been employed at the University of Michigan for 22 years and has held several administrative positions.

Brenda Phillips
Contract and Grants Specialist
Brenda received her B.B.A. at Eastern Michigan University in 2004 and came to the University of Michigan after graduation. She has been a Wolverine for 7 years, spending the first 3 years working in Financial Operations.
Research conducted by investigators is supported and carried out by a very talented group of research staff members. CBSSM research staff help develop research methodology and protocols, develop survey instruments, recruit research subjects, conduct interviews and focus groups, carry out literature searches, analyze data, and assist in writing papers. CBSSM research staff bring an impressive blend of skills, experiences, and education with them to their work.

During the reporting period CBSSM staff have supported 20 funded grants from core CBSSM faculty.

Top row (left to right): Knoll Larkin, BA; Nicole Exe, MPH; Dana Sambuco, MPA; Sandra Moing, Emily Magoc, MPH; and Lisa Szymecko, JD, PhD
Bottom row: Rochelle DeCastro, MS; Meghan Roney, MPH; Valerie Kahn, MPH; Kerry Ryan, MA; and Daniel Connochie, BS
Research

⇒ CBSSM affiliated faculty have published 500+ articles, 30+ books/book chapters, and made 350+ presentations (2010-2012).
⇒ CBSSM affiliated faculty have worked on 150+ grant funded research projects, including 80+ as Principal Investigator
⇒ CBSSM has held numerous Bioethics and Health Communication and Decision Making working group meetings to assist faculty in their various research projects.

Policy/Public Outreach

⇒ CBSSM sponsors an Annual Research Colloquium. In 2010-2012, this colloquium has included 18 presenters & 150+ attendees.
⇒ CBSSM co-sponsors the Ronald C. and Nancy V. Bishop Lectureship, which brings in nationally-known speakers in the area of bioethics.
⇒ CBSSM holds a twice-monthly seminar series. In the past two years, we have held 30 seminars with 600+ attendees. We have 13 seminars scheduled for this academic year.

Education

⇒ CBSSM sponsors the Start Seeing Ethics lunch discussions with 300+ attendees.
⇒ CBSSM has organized ethics discussions for medical students during clinical rotations through OB/GYN & Emergency Medicine.
⇒ CBSSM conducted sessions related to techniques for addressing ethical dilemmas at the Longitudinal Cases/Family Centered Experience (LC/FCE) faculty training.
Part of the core mission of the Center for Bioethics and Social Sciences in Medicine (CBSSM) is to extend the ethics education received by medical students at the University of Michigan.

Rethinking & Systematizing the Teaching of Medical Ethics in the Undergraduate Medical Years

While UM has a variety of ethics components in the curriculum, student reports of ethics education activities vary widely. Although many medical students report they received ethics education throughout their time at UM, others state that they have not had any education in ethics, indicating a disconnection between the curriculum plan and students' perceptions of teaching. This may be due to the fact that many of the ethics education activities are guided by multiple instructors, some of whom may emphasize the connection to ethics more explicitly than others. Also, some ethics education activities are not explicitly labeled as such; for instance, the “informed consent” lecture that students attend is not labeled as an ethics activity (although it is led by an ethicist and includes many references to ethics).

Our curriculum efforts focus on extending the existing curriculum and on making the medical ethics curriculum for undergraduate medical students at UM more systematic and explicit, ideally increasing excitement for ethics among medical students. We want students to become well-versed in thinking through ethical dilemmas before they encounter them in their clinical work, which means we need to start early. We also want students to be able to build upon the ethical training they’ve received over the years, which means we need to weave ethics into the curriculum throughout the 4 years of undergraduate training. Additionally, given CBSSM faculty expertise, our aim is to create novel curricular components that incorporate our empirical work in bioethics with our particular expertise in decision science.
Education/Teaching

CBSSM Core Activities

Review Of Competing Programs and Ethics Education Literature

As part of the organizational work for extending and systematizing the ethics curriculum we conducted an overview of the undergraduate medical ethics education of twenty top-ranked U.S. medical programs (according to U.S. News & World Report). Our review confirms that most ethics training in these programs occurs in the first two years of the undergraduate curriculum. In addition, most of these schools use the traditional approaches to teaching ethics: cases, small groups, lecture, and exams.

While many programs do not have formal ethics training, there are a few programs that stand out as exemplars for addressing the shortcomings of traditional medical education. These programs integrate clinical experience with ethics training throughout the curriculum. They make a strong effort to use an interdisciplinary approach in their curricula, incorporating the social sciences, humanities, and bioethics. There is a strong focus on the importance of faculty development and resources for achieving this. These programs incorporate novel and reflexive teaching methods such as portfolios, journals/diaries, and student-led discussions which address the students’ understandings of themselves in relation to their patients. Our program looks to these schools as examples of the direction our curriculum should take.

Additionally, we have compiled an annotated bibliography of literature relevant to ethics education in order to determine best teaching and assessment practices for ethics education. The results of this detailed literature review confirm that lectures, small-group discussion, case studies, and assigned readings are common approaches/tools to teaching ethics in the early undergraduate years of a student’s medical training. Novel approaches to teaching ethics to medical students are emerging, including combining contemporary resources (e.g., the internet) with traditional teaching approaches, team-based learning, case narratives, drama, peer teaching, and reflexive practices. These novel methods are meant as a dynamic supplement to ongoing pedagogic practices in medical ethics education. We have incorporated several of these novel approaches into the ethics curriculum at UM.
Increasing Opportunities for Ethics Teaching in the Clerkship Years

Discussions During Required Clinical Rotations

We facilitate regular ethics discussions for medical students at the end of their required clinical rotations through OB/Gyn (M3) and Emergency Medicine (M4). Students prepare short essays on ethical dilemmas they encounter during these clerkships, we provide students with a summary of all the issues that came up that rotation, and we have a discussion facilitated by a clinical faculty member trained in ethics. The Internal Medicine subinternship (M4) now also includes an ethics discussion at the end of the rotation, but without requiring students to prepare an essay ahead of time.

These discussions allow medical students to bring up concerns with ethical dilemmas in a safe environment, teach the students about approaches to ethics, and embed training in ethical decision-making in clinical practice. This is often the first time students learn about the role of the hospital ethics committee and how they can contact them if desired.

“That was unexpectedly awesome!”
-- Medical student after Ob/Gyn ethics discussion

Advanced Medical Therapeutics Ethics Module

We created an ethics module required for all M4 medical students during the online Advanced Medical Therapeutics course. The module includes multiple cases that present ethical dilemmas, with interactive components where students can click on descriptions of the various aspects of the cases and watch pre-recorded videos of faculty discussing these aspects.

Faculty Training

In November 2012 we conducted a training session for the Longitudinal Cases/Family Centered Experience (LC/FCE) faculty related to techniques for addressing ethical dilem-
mas. The LC/FCE component of the curriculum involves small groups that meet weekly during the M1 year and 4 times throughout the M2 year. Students are assigned to a family; each student interviews members of this family in the family’s home. Interviews include discussions of the family’s experiences with the health care system and accessing care. Students follow the family members’ medical treatments and often serve as an informal health care advocate. Ethical issues abound, but the degree to which they are discussed during small group meetings depends in part on the comfort level of faculty small group leaders. By training small group leaders in how to discuss ethical dilemmas we hope to increase the frequency at which these discussions take place, as well as the depth of the discussions.

At the end of the academic year the OB/Gyn clerkship director will be conducting an informational session with training faculty (i.e., clinicians (including attending physicians, fellows, and residents) and educational coordinators) to inform them of ethical dilemmas faced by undergraduate medical students (who remain anonymous). This will be based on the dilemmas students write about during their OB/Gyn clerkship discussions. We intend for this to serve as education for the faculty about ethical issues faced by students, as well as a show of support for integrating discussions of ethics into clerkship training and supervision.

Start Seeing Ethics Lunch Discussions
Throughout the academic year we provide lunch and a discussion of cutting-edge topics in ethics. Sometimes this means a facilitated discussion of topics like conscientious objection, mandatory vs. optional vaccinations, or patient centered care and shared decision making, while other times we hold mock ethics committee meetings with discussion of a specific case. Facilitators provide a relaxed atmosphere in which students can feel comfortable asking questions and voicing opinions.

“It is exciting to see medical students engage with the ethical issues that arise in the clinic and the classroom. With encouragement from us they are beginning to see that there is more to medical ethics than just the well-known issues at the beginning and end of life. While these ethical issues are important, there are also moral consequences associated with the mundane aspects of being a student and working with patients.” Raymond De Vries, PhD, Director, Ethics Education Initiative
The Bishop Lectureship in Bioethics

Together with the Bishop endowment, CBSSM sponsors the Bishop Lecture in Bioethics. The Bishop Lecture in Bioethics was made possible by a generous gift from the estate of Ronald and Nancy Bishop, both graduates of the University of Michigan Medical School (Class of ‘44). The Bishop lecture typically serves as the keynote address for the CBSSM Research Colloquium. The Bishop Lecture selection committee is headed by Susan Goold, MD, MHSA, MA.

2011 Inaugural Bishop Lecture

The inaugural Bishop lecture was presented in May of 2011 by John Lantos, MD, Director of the Children’s Mercy Bioethics Center in Kansas City. His talk was titled, “The Complex Ethical Mess Surrounding Genetic Testing in Children.”

2012 Bishop Lecture

The 2012 Bishop Lecture featured New York Times best selling authors, Jerome Groopman, MD, Dina and Raphael Recanati Professor of Medicine at Harvard Medical School, and Pamela Hartzband, MD, Assistant Professor of Medicine at Harvard Medical School. Drs. Groopman and Hartzband jointly presented the Bishop Lecture with a talk entitled, “When Experts Disagree: The Art of Medical Decision Making.” Groopman and Hartzband co-authored “Your Medical Mind,” which outlines how patients can navigate health care choices when making medical decisions.
Policy/Public Outreach

CBSSM Core Activities

CBSSM Research Colloquium

The Center for Bioethics and Social Sciences in Medicine (CBSSM) Research Colloquium features presentations focusing on bioethics and social sciences in medicine across multiple disciplines.

2011 Research Colloquium

The 2011 Research Colloquium was co-sponsored by the Center for Ethics in Public Life at the University of Michigan. The colloquium featured seven presentations of research from faculty and students representing the following departments and divisions:

- Geriatric Medicine (1)
- Internal Medicine (2)
- Molecular, Cellular and Developmental Biology (1)
- Otolaryngology (1)
- Obstetrics and Gynecology (1)
- Pathology (1)
- Pediatrics and Communicable Diseases (1)
- Health Behavior & Health Education, School of Public Health (1)
- Health Management and Policy, School of Public Health (1)
- Philosophy (1)
- Residential College, College of Literature, Science, and the Arts (1)
- Philosophy, MSU (1)

Over 70 people registered to attend the event.

2012 Research Colloquium

The 2012 Research Colloquium highlighted research on medical decision making. The colloquium featured ten presentations of research from faculty and students representing the following disciplines, departments, and organizations:

- Cardiovascular Medicine (1)
- Human Genetics (1)
- Internal Medicine (1)
Policy/Public Outreach

CBSSM Core Activities

- Molecular Medicine and Genetics (1)
- Pathology (1)
- Pediatrics and Communicable Diseases (3)
- CBSSM, Postdoctoral Fellow (2)
- Center for Health Communications Research (1)
- Community Health and Social Services (CHASS)/REACH Detroit Partnership (1)

There were 96 registrants for the colloquium.

CBSSM Seminar Series

Building upon the very successful “joint seminars” of past years sponsored by the Bioethics Program and the Center for Behavioral and Decision Sciences in Medicine (CBDSM), CBSSM hosted seminars on a bimonthly basis throughout the academic year, inviting investigators to present both developing and finished research topics to small groups.

2010-2011 Seminars

In 2010-2011, sixteen CBSSM seminars were offered with approximately 255 attendees. The seminars featured UM faculty representing the following programs, departments and divisions:

- Family Medicine (1)
- Hematology/Oncology (1)
- Internal Medicine (4)
- Medical Education (1)
- Obstetrics & Gynecology (2)
- Psychiatry (2)
- Radiation Oncology (1)
- Health Behavior & Health Education, School of Public Health (2)
- Health Management and Policy, School of Public Health (1)
- Public Health Genetics Program, School of Public Health (1)
- Risk Center, School of Public Health (1)
- Sociology (1)
- CBSSM, Postdoctoral Fellow (2)
- VA Ann Arbor Center for Clinical Management Research (1)
Policy/Public Outreach

CBSSM Core Activities

2011-2012 Seminars

In 2011-2012, fourteen CBSSM seminars were offered with approximately 340 attendees. The seminars featured a number of external speakers:

- Julie Downs, PhD, Director, Center for Risk Perception and Communication, Dept of Social and Decision Sciences (Carnegie Mellon University)
- Michael Seagrist, Prof. Dr., Institute for Environmental Decisions (IED), ETH Zurich, Switzerland.
- Jason Karlawish, MD, Professor of Medicine, Medical Ethics & Health Policy (University of Pennsylvania).
- Zachary Schrag, PhD, Professor, Dept of History (George Mason).
- Amy McGuire, JD, PhD, Associate Professor of Medicine and Medical Ethics, Associate Director, Center for Medical Ethics and Health Policy (Baylor).
- Jeanine Delay, President of A2Ethics
- Kevin Weinfurt, PhD, Professor of Psychiatry and Behavioral Sciences (Duke).
- Dave Wendler, PhD, Head, Unit on Vulnerable Populations (NIH)

Julie Downs and Michael Seagrist were co-sponsored by the Decision Consortium through the UM Department of Psychology.

In addition, UM faculty representing the following programs, departments and divisions also presented:
Policy/Public Outreach

CBSSM Core Activities

- Pediatrics and Communicable Diseases (1)
- Internal Medicine (2)
- Pathology (1)
- Health Behavior & Health Education, School of Public Health (1)
- Office of Human Research Compliance Review (1)
- Residential College, College of Literature, Science, and the Arts (1)
- VA Ann Arbor Center for Clinical Management Research (1)

2012 Fall Seminars

In the Fall of 2012, we had 5 speakers, with 8 additional speakers planned for the Winter/Spring of 2013. The fall seminars featured two external speakers:

- Ellen Peters, PhD, Associate Professor, Dept of Psychology (OSU)—Co-sponsored by the Decision Consortium
- William Meadow, MD, PhD, Professor of Pediatrics, Co-Section Chief, Neonatology, Director, Neonatology Fellowship Program (University of Chicago)

In addition, UM faculty representing the following programs, departments and divisions also presented in Fall 2012:

- Internal Medicine (2)
- VA Ann Arbor Center for Clinical Management Research (1)
- Health Management and Policy, School of Public Health (1)
- Post-doc Fellow, CBSSM/VA (1)

2012 Fall seminars attracted 133 attendees.
Co-Sponsored Events

In addition to the Bishop Lecture in Bioethics, CBSSM has co-sponsored a number of other events.

The Waggoner Lecture

In November of 2010, CBSSM co-sponsored the 15th annual Waggoner Lecture, an annual event in honor of the late Dr. Raymond Waggoner, former chair of the Department of Psychiatry. The lecture was presented by Bernard Lo, MD, Director of the Program in Medical Ethics at the University of California-San Francisco, and was entitled, “Stem cells: Intractable ethical dilemmas or emerging agreement.”

In November 2011, CBSSM co-sponsored the Waggoner Lecture breakfast. The lecture was presented by Laura Roberts, MD, chair of the Department of Psychiatry and Behavioral Sciences at Stanford University School of Medicine, and was entitled, “Becoming a Physician: Stresses and Strengths of Physicians-in-Training.”

Deadly Medicine: Creating the Master Race

In 2012, in conjunction with Taubman Health Sciences Library and the UM Center for the History of Medicine, CBSSM co-sponsored the United States Holocaust Memorial Museum’s traveling exhibition, “Deadly Medicine: Creating the Master Race.” The exhibition illustrates how Nazi leadership enlisted people in professions traditionally charged with healing and the public good, to legitimize persecution, murder and, ultimately, genocide.
Research

CBSSM Core Activities

Topics of research are organized around five theme-based programs within CBSSM which include the Program in Clinical and Research Ethics, the Program in Health Communication and Decision-Making, the Program in Medicine and Society, the Program in Health, Justice and Community, and a new initiative, the Program in Genomics, Health and Society.

Program in Clinical and Research Ethics

This program is led by Dr. Scott Kim, a Professor in the Department of Psychiatry at the University of Michigan Medical School as well as one of the Co-Directors of the CBSSM. This program is particularly focused on empirical research in ethics (what some have called empirical ethics) by providing an evidence base for informed policy and practice. The program focuses on ethical issues related to end-of-life decisions, transplantation ethics, conflicts of interest, and ethical issues in biobanking. The program also highlights IRB reform and studies the dynamics of the patient-physician relationship. Some of the specific topics within clinical and research ethics that are of interest to the Center faculty are listed as follows:

- Research ethics
- Clinical ethics
- End-of-life issues
- Transplantation ethics
- IRB reform
- Conflicts of interest
- Ethical issues in biobanking
- Patient-physician relationship

The program runs the Bioethics Working Group (BWG). BWG is a bioethics focused "lab meeting" with an aim to promote an intellectual community of bioethics scholars at UM. BWG meetings provide a forum for project focused discussions. The presenter receives feedback on a proposal, a draft of a paper, initial specific aims of a grant, or any other aspects of a project at any stage of development. The goal is to provide a productive and supportive intellectual milieu for anyone with bioethics-related projects. Sessions are usually held on Thursdays, 1-2 times a month.
Research

CBSSM Core Activities

Program in Health Communication and Decision-Making
This program is led by Dr. Angela Fagerlin, an Associate Professor of Medicine, Adjunct Associate Professor of Psychology and Research Scientist at the VA Ann Arbor Center for Clinical Management Research, as well as one of the Co-Directors of the CBSSM. This research is addressed using techniques from basic and applied research. First, basic psychological and behavioral economics research methods are used to determine the best practices for communicating health information to patients. After extensive testing in non-patient populations, these methods are then tested in appropriate patient populations. Research that falls within this programmatic area includes topics such as:

- Risk communication and perception
- Health communication and education
- Development and testing of decision aids/patient education materials
- Visualization and contextualization of risk and health data
- Numeracy and literacy
- Clinical decision making
- Cognition and motivation
- Psychology in health policy
- Utility and survey methods
- Patient-physician communication

As part of this program, the Program in Health Communication and Decision Making (PIHCD) Working Group explores topics related to understanding and improving patient decision making about medical issues. In particular, this group provides a forum for researchers to discuss design issues regarding aids for medical decision making, as well as surveys, and fosters interdisciplinary collaborations and grant proposals among researchers interested in supporting patient involvement in medical care. Sessions are usually held on Thursdays, 1-2 times a month.
Research

CBSSM Core Activities

Program in Medicine and Society

This program is led by Dr. Raymond De Vries, a Professor in the Department of Medical Education and Obstetrics and Gynecology, and Sociology at the University of Michigan, and Professor at Academie Verloskunde Maastricht, Zuyd University and Maastricht University/CAPHRI School for Public Health and Primary Care. This program looks at the social and cultural aspects of health, disease and healing, with an explicit focus on how bioethical issues are defined, discussed, and resolved. Using both qualitative and quantitative research methods, the topics explored in this program include:

- Social and cultural aspects of disease and illness
- Social organization of medical care
- Medical and premedical education
- Childbirth and reproductive technologies
- Women in medicine and health care
- Complementary and alternative medicine
- Cultural and social dimensions of bioethics
- Social ecology of health care
- Faith, healing, and medicine
- Integrity in medical research
- Globalization of bioethics

Program in Health, Justice and Community

This program is led by Dr. Susan Goold, a Professor in the Department of Internal Medicine and Health Management and Policy at the School of Public Health. The research program aims to improve knowledge, understanding and practice in resource allocation and distributive justice, ethics of health policy (public and private) and community engagement, with the overarching goal of improving health equity. Scholarly approaches to the important and enduring questions include a variety of social science methods as well as conceptual and philosophical analysis. Surveys, mixed methods research, community-based participatory research and deliberative procedures represent particular strengths. Research that falls within this programmatic area includes topics such as:
Research

CBSSM Core Activities

- Justice and allocation of resources
- Ethical issues in public health
- Community-based participatory research
- Public deliberations in health policy and bioethics
- Improving health equity

Program in Genomics, Health and Society

This program is led by Dr. Scott Roberts, an Associate Professor in the Department of Health Behavior and Health Education at the School of Public Health as well as the Director and Co-Director of the Public Health Genetics Certificate Program and the Dual Degree Program in Public Health and Genetic Counseling, respectively. Research within this program examines the ethical, social and behavioral implications of advances in genomics. CBSSM serves as a crucial locus for facilitating collaborations across disciplines and units. In fact, several groups across campus have invited us to collaborate on the study of bioethical issues related to burgeoning genomics-related research; these partners include investigators at U-M’s Comprehensive Cancer Center, the Michigan Center for Translational Pathology, and the Division of Pediatric Genetics.

Currently funded projects in this area include the following:

- REVEAL: Risk Evaluation and Education for Alzheimer’s Disease (NIH/NHGRI)
- PGen: Impact of Personal Genomics (NIH/NHGRI)
- Precision Therapy of Advanced Prostate Cancer (American Association for Cancer Research)
- Preparing to Discuss Genetic Testing Results for Colorectal Cancer (VA).

We have also recently completed a pilot project funded by the Comprehensive Cancer Center and focused on ethical and practical issues raised by emerging technologies in the context of tumor and germline sequencing for advanced cancer patients.
Research

CBSSM Core Activities

Several NIH grant submissions are pending, including the following:

▶ Center for Informed Decision-Making in Genomic Medicine (P20 center grant, NHGRI)
▶ Exploring Precision Cancer Medicine for Sarcoma and Rare Cancers (UM1 program project grant, NHGRI)
▶ Next Generation Sequencing in the Newborn Period (U19 program project grant, NICHD)
▶ Also pending review is an Agency for Healthcare Research & Quality grant proposal; “Dissemination of Evidence-Based Genomic Guidelines.”

Numerous papers from the aforementioned and related projects have been published over the past few years, including articles in Genetics in Medicine, Clinical Genetics, Journal of Empirical Research on Human Research Ethics, Future Neurology, Neurodegenerative Disease Management, Cancer Epidemiology Biomarkers & Prevention, and The New England Journal of Medicine. A complete list of faculty publications are on the pages that follow.

Topics of interest in this area include the following:

▶ Psychological and behavioral impact of genetic test results
▶ Communication of genomic risk information
▶ Direct-to-consumer genetic testing
▶ Health care provider education in genomics
▶ Informed consent in genomic research
▶ Expert decision-making in genomic medicine
▶ Public understanding of genomics
▶ Ethical and policy implications of genomic discoveries
Faculty Publications

CBSSM

Faculty affiliated with CBSSM are very productive, as the following list of publications demonstrates. Additionally, CBSSM investigators are highly collaborative. Of the 500+ papers published by CBSSM faculty in 2010-12, 100+ listed two or more current or past CBSSM affiliated faculty investigators.

RECENT SELECTED ARTICLES


Faculty Publications

CBSSM Faculty Publications


Faculty Publications

CBSSM


CBSSM Faculty Publications


Elashar MS, Abdelrahim HA, Fetters MD (2012). Cultural competence springs up in the desert: The story of the Center for Cultural Competence in Health Care at Weill Cornell Medical
Faculty Publications

CBSSM


Faculty Publications

CBSSM


Harris LH, Grossman M (2011). Confronting the challenge of unsafe second trimester abor-
Faculty Publications

CBSSM


Faculty Publications

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Lee E, Lavieri M, Volk ML (2012). Improving Screening for Hepatocellular Carcinoma by Incorporating the Pattern of Alpha-Fetoprotein over Time. Clin Gastroenterol [Epub ahead of print]


Faculty Publications


Faculty Publications

CBSSM


Sabolch AN, Quint DJ, Zahuranec DB (2010). Calcified brainstem cavernoma in a patient with hundreds of intracranial


Shaffer, VA, Merkle EC, Fagerlin A, Griggs JJ, Langa KM, Iwashyna, TJ (2012). Chemother-
apy was not associated with cognitive decline in older adults with breast and colorectal cancer: Findings from a prospective cohort study. Medical Care. 50 (10):849-55.


Smith LB, Barnosky AR (2011). Web-based clinical ethics con-


Volk ML, Piette JD, Singal AS, Lok AS (2010). Chronic disease management for patients with cirrhosis. Gastroenterol, 139(1):14-6.e1


Faculty Publications

CBSSM


RECENT BOOKS, BOOK CHAPTERS


SELECTED HONORS, PROMOTIONS, SERVICE


De Vries R (2010). Appointed Professor at the University of Maastricht, Netherlands.

Fetters MD (2011). Faculty Mentor Award for Resident Original Projects, UM Department of Family Medicine, University of Michigan, Ann Arbor, Michigan.

Fetters MD (2012). Appointed Professor, Department of Family Medicine, University of Michigan, Ann Arbor, Michigan.


Goldman E (2012). Appointed Adjunct Professor, University of Michigan Law School.

Goold S (2010). Appointed Professor, Health Management and Policy, School of Public Health, University of Michigan, Ann Arbor, MI.


Goold S (2012). Elected Vice Chair of the AMA Council on Ethical and Judicial Affairs (CEJA).

Griggs J (2010-2012). Received Compassionate Doctor Recognition and the Patient’s Choice Award.

Griggs J (2010). Became Associate Editor for Breast Cancer Research and Treatment.

Griggs J (2012). Appointed Professor, Department of Internal Medicine, Hematology & Oncology Division and Department Health Management and Policy, School of Public Health, University of Michigan, Ann Arbor, MI.

Harris LH (2010). Received the Elizabeth Crosby Research Award and Greenwall Faculty Scholars Career Development Award.

Harris LH (2010). Appointed Director of Research, Planned Parenthood of Mid and South Michigan.

Harris LH (2011). Received Outstanding Researcher Award, Society of Family Planning.

Hawley S (2012). Appointed Associate Editor, Health Expectations.

Howell JD (2011). Token of Appreciation from Medical Students Award, University of Michigan.


Jagsi R (2011). Appointed Associate Professor of Radiation Oncology.


Jagsi R (2012). Appointed Associate Chair for Faculty Affairs, Department of Radiation Oncology.

Jimbo M (2010). Resident Award for Excellence in Teaching, Department of Family Medicine, University of Michigan.

Jimbo M (2012). Making a Difference Award, University of Michigan Health System.

Kim S (2012). Received Annual Research Award from the Academy of Psychosomatic Medicine.

Kim S (2011-2012). Associate Editor, BMC Medical Research Methodology.
Faculty Honors, Promotions, & Service

CBSSM

Kullgren JT (2012). Mack Lipkin Sr. Associate Member Award, Society of General Internal Medicine Annual Meeting, Orlando, FL.


Kullgren JT (2012). Appointed Assistant Professor of Internal Medicine, Division of General Medicine, University of Michigan Medical School, Ann Arbor, MI.


Langa K (2011). Visiting Scholar, Institute on Aging, University of Pennsylvania


Laventhal N (2012). Appointed Clinical Assistant Professor, Division of Neonatal-Perinatal Medicine, Department of Pediatrics and Communicable Diseases, University of Michigan School of Medicine.

Markel D (2010-2012). University of Michigan School of Public Health Alumni Society Board of Governors.


Moseley K (2012). Elected Secretary of the American Society for Bioethics and Humanities.

Roberts JS (2011). Appointed Associate Professor, Department of Health Behavior and Health Education, University of Michigan School of Public Health.


Smith LB (2012). Became Assistant Fellowship Director, Department of Pathology, Hematopathology Section.

Strecher VJ (2012). Appointed Director of Innovation and Social Entrepreneurship, University of Michigan School of Public Health.


Volk M (2010). Named a Rising Star by the American Gastroenterological Association in 2010 and gave a Rising Star lecture in Barcelona, Spain.

Volk M (2010). Became Core faculty, Robert Wood Johnson Clinical Scholars Program, University of Michigan, Ann Arbor MI.

Volk M (2012). Became Director, Cirrhosis Program, University of Michigan, Ann Arbor MI.

Volk M (2012). Became Director, Liver Tumor Program, University of Michigan, Ann Arbor MI.

**Faculty Presentations**

**CBSSM**

**RECENT SELECTED PRESENTATIONS**

**Anspach, R** (2011). The decline and fall of the medical empire. Presented at the American Sociological Association Annual Meeting, Las Vegas, NV.

**Anspach, R** (2010). End of life issues: a sociological perspective. Invited speaker at the Institute of Gerontology Colloquium, Wayne State University, Detroit, MI.

**Barnosky, A** (2010). Ethical obligations of physicians to non-compliant patients: May we refuse to participate? Michigan State Medical Society Annual Bioethics Conference, Traverse City, MI.

**Barnosky, A** (2012). The ethical obligations of psychiatrists and psychologists in caring for patients in risky public health emergencies. Center for Forensic Psychiatry, State of Michigan Department of Community Health, Ann Arbor, MI.

**Barnosky, A** (2011). The Ethics of Treating Patients in Risky Infectious Disease Situations. Annual Conference of the American Osteopathic College of Anesthesiologists, Palm Beach, FL.

**Barnosky, A** (2011). Hospital ethics committees and their role and process. Panel Presentation and When is it appropriate to terminally withdraw life support? Speaker and roundtable participant. Where Religion, Bioethics, and Policy Meet: An Interdisciplinary Conference on Islamic Bioethics and End-of-Life Care, University of Michigan CME Conference, Ann Arbor, MI.


**De Vries R** (2011). Internationalizing of research ethics. Invited Presentation. ETHOX, Oxford University, UK.
Faculty Presentations

CBSSM


De Vries R (2010-2011). The ethics, art, and music of suffering. Invited Presentation. Veritas Forum, Ann Arbor, MI and North Park University, Chicago, IL.


Fagerlin A (2010). Factors influencing a patient’s decision-making process and the influence of written communication techniques, Brookings Institute, Washington, DC.

Fagerlin A (2010). Teaching patients how to better communicate with their physicians: A DVD intervention for patients newly diagnosed with prostate cancer, NCI CECCR grantees, St. Louis, MO.


Fagerlin A, Smith DM, Zikmund-Fisher BJ, Dillard A,
Faculty Presentations

CBSSM


Fetters MD (2012). Mixed methods integration in a project evaluating the process of adaptive clinical trial development. NIH-OBSSR Workshop, Using Mixed Methods to Optimize Dissemination and Implementation of Health Interventions, Natcher Conference Center, NIH Campus, Bethesda, MD.

Fetters MD (2012). Qualitative field observations 101: Practical skills and approaches for enriching primary care research projects. Presentation. North American Primary Care Research Group (NAPCRG), New Orleans, LA.


Fetters MD, Legocki LJ (2012). The use of mixed methods research for evaluating the process of adaptive clinical trials development for neurological emergencies in the ADAPT-IT investigation. 8th Mixed Methods International Conference, Bethesda, MD.
Faculty Presentations

CBSSM

dence, Leeds, UK.


**Goold S** (2011). A Decade of Public Deliberations about Health Coverage Priorities using CHAT, University of Pittsburgh Department of Internal Medicine Grand Rounds (Fisherman Lecture), Pittsburgh, PA.

**Goold S** (2010). The top 10 reasons doctors get in trouble. Invited Presentation. 14th Annual Michigan State Medical Society Bioethics Conference, Traverse City, MI.


**Griggs J** (2011). Achieving high quality cancer care in vulnerable populations, Internal Medicine Grand Rounds, University of Pittsburgh Medical Center, Pittsburgh, PA.


**Griggs J** (2012). Comparative Effectiveness of Treatments for Ductal Carcinoma in Situ and High Fidelity: Achieving Optimal Cancer Treatment in Cancer Care, Invited Presentations. Dana Farber Cancer Institute, Harvard University, Boston, MA.

**Griggs J** (2012). High Fidelity: Achieving High Quality Cancer Care among the Vulnerable. Nobel Wiley Jones Endowed Lectureship, Oregon Health & Science University, Portland, OR.


**Harris LH** (2010). The things abortion providers cannot say: Gender special interest group, Annual Meeting of the American Society for Bioethics and Humanities, San Diego, CA.

**Harris LH** (2010). Historical perspectives on sex selection, Annual Meeting of the American Society for Reproductive Medicine, Denver, CO.

**Harris LH** (2010). Abortion stigma, Grand Rounds, Wayne State University/Detroit Medical Center, Detroit, MI.

**Harris LH** (2012). Reproductive Utopias. Panelist, Annual Meeting of the American Sociological
Faculty Presentations

CBSSM


Hawley S (2012). Racial and ethnic differences in breast cancer survivorship. Virginia Commonwealth University, Richmond, VA.

Hawley S (2012). Evaluating a preference-based intervention for increasing CRC screening in the Veterans Health Administration. HSR&D annual meeting; Washington, DC.


Howell JD (2010). Advancing Primary Care: Yesterday and Today, Patient-Centered Primary Care Collaborative Annual Summit, Washington, DC.

Howell JD (2010). Arts and Medicine, to Inaugural Meeting of the Society of Professors of Medicine, Department of Internal Medicine, University of Miami, Miami, FL.


Howell JD (2011). Diagnosing Coronary heart Disease: A Tale of Three Tools, Annual Meeting of the American Association for the History of Medicine, Philadelphia, PA

Howell JD (2011). Ethical Implications of the Tuskegee Experiments, Internal Medicine Grand Rounds, Baylor College of Medicine, Houston, TX.


Howell JD (2011). Medical Arts and the Art of Medicine, Internal Medicine Grand Rounds, University of Michigan, Ann Arbor, MI.

Henry S (2010). Using thin slice methodology with video data archives of clinical interactions, DC Health Communication Conference, George Mason University, Fairfax, VA.

Henry S (2010). Are conversations about pain really painful? Using thin slices to investigate doctor-patient interactions, Roudenbush VA Medical Center, Indianapolis, IN.

Henry S (2010). Association between nonverbal communication during clinical interactions and medical outcomes: A systematic review and meta-analysis, International Conference on Communication and Health, Chicago, IL.

Jagsi R (2010). Patient decisions for adjuvant ra-
Faculty Presentations

CBSSM


Jagsi R (2010). Postmastectomy radiation therapy and Gender Equity and Success in Academic Medicine, Breast Cancer Grand Rounds, Massachusetts General Hospital, Boston, MA.


Jimbo M (2012). What does it mean to be a clinician? Invited Presentation. Okayama University, Okayama, Japan and Teine Keijinkai Hospital, Teine, Hokkaido, Japan.


Kim SYH (2010). Framing the Deliberation. Presentation. Public Deliberation, Ethics, and Health Policy Symposium. Canadian Institutes of Health Research and the Center for Ethics in Public Life, University of Michigan, Ann Arbor, MI.


Faculty Presentations


Kim SYH (2012). Decision-Making Capacity Assessment in the Elderly. Invited Presentation. EMGO+ Institute for Health and Care Research, VU University Medical Center Amsterdam and University of Leiden.


Kim SYH and De Vries R (2010). Measuring the Quality of Deliberation. Presentation, Public Deliberation, Ethics, and Health Policy Symposium. Canadian Institutes of Health Research and the Center for Ethics in Public Life, University of Michigan, Ann Arbor, MI.


Langa K (2012). Brains in Bodies: The Impact of Chronic Disease and Acute Illness on Cognitive Decline in the Health and Retirement Study. Demography Workshop, University of Chicago, Chicago, IL.


Moseley K (2011). The social determinants of health: Why insurance and access are just the beginning. Presentation. Pediatric Bioethics Conference, Seattle, WA.


Roberts JS (2010). Disclosure of genetic research results: Practical and ethical issues, University of Michigan Medical School Bioethics Grand Rounds, Ann Arbor, MI.

Roberts JS (2010). Implications of personal genomics for cardiovascular medicine, University of Michigan Medical School Cardiovascular Medicine Grand Rounds, Ann Arbor, MI.


Roberts JS (2012). Genetics in the media and popular culture. Michigan Association of Genetic Counselors annual meeting, Lansing, MI.


**Faculty Presentations**

**CBSSM**


**Scherer L** (2010). The response mapping model, Annual Society for Personality and Social Psychology Conference, Las Vegas, NV.


**Smith LB** (2010). Bioethics meets CSI: Ethical issues in pathology, University of Michigan Bioethics Grand Rounds, Ann Arbor, MI.


**Smith LB** (2012). Ethical Dilemmas Facing Physicians-In-Training. Invited Speaker, ASCP Annual Meeting, Boston, MA.

**Smith LB** (2012). Transfusion medicine guidelines at the end of life. CBSSM lecture/discussion series, Ann Arbor, MI.

**Smith LB** (2012). Putting the ‘me’ in medicine: The ethics of personalized health care. 32nd Annual Graduate Student Symposium in the Pharmaceutical Sciences and Biorelated Chemistry, Ann Arbor, MI.

**Steneck NH** (2012). Research Integrity: A Global Overview. Invited Speaker. UD Center for Science, Ethics, and Public Policy, Newark, DE.


**Strecher VJ** (2012). Keynote Session. Digital Health Communications Extravaganza (DHCX), Orlando, FL.

**Tait A** (2010-2011). Informing the uninformed: Consent revisited, Child Health and Evaluation Research Seminar (CHEAR), U-M; SE Michigan Chapter of the Association of Clinical Research Profes-
Faculty Presentations

CBSSM


Tait A (2011). Re-engineering patient controlled analgesia pumps to improve outcomes, MARC, Chicago, IL; ASRA, Las Vegas, NV.

Tait A (2011). Parent understanding of anesthesia research consent information, UROP Research Forum, University of Michigan, Ann Arbor, MI.


Tarini BA (2012). What Newborn Screening Can Teach Us About Biobanking and Large-Scale Genetic Screening Programs. Presentation. Pediatric Pharmacogenomics and Personalized Medicine Conference, Kansas City, MS.

Volk, ML (2010). Internal Medicine Grand Rounds. University of Michigan, Ann Arbor, MI.

Volk, ML (2010). Michigan State Medical Society Ethics Lecture. Traverse City, MI.


Volk, ML (2012). Best of DDW. UEGW, Amsterdam, Netherlands.

Walter J (2010). Relational autonomy, motivational interviewing and feminist bioethics, Kennedy Institute of Ethics, Georgetown University, Washington, DC.


Wright JA (2010). Perceived disease specific knowledge is limited in patients with chronic kidney disease, Southern Society for Clinical Investigation and the American Federation of Research, New Orleans, LA.
CBSSM Faculty Presentations

Wright JA (2010). Limited health literacy associated with catheter use for chronic hemodialysis, and Chronic kidney disease awareness is limited in patients seen by Nephrologists, National Kidney Foundation, Orlando, FL.

Wright JA (2010). Patient knowledge is associated with systolic blood pressure in patients with chronic kidney disease, American Society of Nephrology, Denver, CO.


Zikmund-Fisher BJ (2010). An online community reduces attrition in an Internet-mediated walking program, American Public Health Association Conference, Denver, CO.


Zikmund-Fisher BJ (2011). The Right Tool is What They Need, Not What We Have: A Taxonomy of Appropriate Levels of Precision in Patient Risk Communication. Eisenberg Center Conference Series, Gaithersburg, MD.


