

## Invited Editorial

## Samantha Adams Festschrift: Coming of Age—Samantha Adams's Career at Erasmus University Rotterdam

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In 2000, Marc Berg placed a call to Samantha Adams who was then back home in North Carolina after obtaining an MA in Science, Technology and Society Studies from Maastricht University in 1999. He had a job offer for a PhD studentship to study the reliability of information on the Internet and social media. He thought also that Sam having a boyfriend in the Netherlands would be a big incentive. She returned to the Netherlands to make it her home and never went back.

Samantha Adams spent most of her professional life at Erasmus University Rotterdam in the Erasmus School of Health Policy & Management. In my tribute to her, I will describe her research, her contribution to education, and my personal perspective.

Health informatics research was until the turn of the century focused on technology and use by professionals. The advent of Internet meant a push forward for democratization of technology and engagement of patients.<sup>1</sup> Soon, a large number of health and medical Web sites were published that patients could access. Web sites were not only published by respected organizations, but by anyone with basic skills to create them. Concerns were raised about the quality of information, and a code of conduct for publishing information was developed by the nonprofit organization Health On the Net.<sup>2</sup> In this context, Sam started her work on information reliability on the Web. Perhaps this concern can be construed as paternalistic; by having guidelines for information quality, consumers and patients can be nudged to go to the right place. Adams argues that “one comprehensive reliability model to which all sites and licensors must adhere is not only inherently doomed to fail, but it is also deeply undesirable.”<sup>3</sup> Such analysis is characteristic of Sam. She deconstructs the notion of reliability by looking at the history of licensing of books. Contrary to common belief that the population needs to be protected from erroneous or false health information, she argues that a gate-keeping

regime will stifle diversity of use on the Internet and therefore be detrimental. Moreover, in an ethnographic study of patients seeking health information on the Net she shows how patients do not use national portals, icons, or a standard checklist, but rather elaborate personal judgments of the adequacy of information for their own purposes.<sup>4</sup> These and other studies of information reliability resulted in her doctoral thesis, which she defended in 2006.<sup>5</sup>

After graduation, Sam became assistant professor in the department of Health Care Governance of the Erasmus School of Health Policy & Management. She expanded her research to social media in general and the role of patient and consumers. In her research, she was very precise about the quality of qualitative research and good writing. Qualitative research should be guided by theory, both in framing research questions and analyzing and interpreting results. She brought that perspective to teaching research methods in the bachelor of health sciences program and health care management program at Erasmus University Rotterdam. She was instrumental in introducing a writing skills course in the bachelor program in preparation for thesis work. She was equally at home in English and Dutch. During her time at Erasmus, she supervised thesis work of many bachelor and master degree students. She consistently emphasized the necessity of clear writing. From 2009 till 2011, Sam was coordinator of the bachelor undergraduate degree program of health sciences and was responsible for efforts to reduce student dropout and course efficacy.

Although Sam Adams retained her focus on patient-centered eHealth research, she made excursions to other studies, where consumers played a key role. For example, she took part in a study of mystery guests as “lay inspectors” to improve the efficacy and effectiveness of health inspectorates as regulators or governing agents.<sup>6</sup> Sam broadened her research line from constructing reliability of health Web sites to patient-centered

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care and social media and included themes such as personalized Web-based health information, blogging, and crowdsourcing. Of note was her study of the first Twitter surgery in the Netherlands, in which she considered ethical issues of using social media for health-related purposes.<sup>7</sup> From her perspective of patient-centered care Sam took part in a study program of chronic disease management.<sup>8</sup> She successfully supervised two Erasmus PhD students, Bethany Hipple Walters and Femke Vennik, who obtained their doctorate degrees in 2015 and 2016, respectively. Unfortunately, she was not able to complete her supervision of her last PhD student Marcello Aspria, because of her untimely demise. In 2014 she moved to the Tilburg Institute of Law and Technology of Tilburg University.

Sam and I were colleagues for 14 years at Erasmus University. Our research did not overlap; I addressed the impact of information technology on professional practices and found my niche in medication safety, and for Sam it was patients and consumers in an emerging networked society. However, we shared an interest in things American, politics, history, and cats. We bonded also, in that since the early 2000s we were both working on our PhD thesis under the supervision of Marc Berg and shared our excitement about successes and frustrations about setbacks. At my suggestion, we traveled together to the 2002 Annual Symposium of the American Medical Informatics Association. Sam was part of the keynote panel at the symposium, where she, Madhu Reddy, Joan Ash, and I reported on the first sociotechnical conference *Information Technology in Healthcare* held in Rotterdam in September 2001.<sup>9</sup> Sam was very closely involved with the sociotechnical conferences that followed. Sam found in the American Medical Informatics Association (AMIA) an intellectual and academic home and made friends almost immediately. Sam participated in the Student Working Group, People and Organizational Issues Working Group, and was a member and chair of the Diana Forsythe Award Committee and the AMIA Ethics Committee. Elsewhere in this issue, you will find papers about Sam's engagement with activities in AMIA. We have attended together since then many AMIA conferences. In 2011, we traveled together to North Carolina to explore scientific collaboration with our colleague Eric Eisenstein at Duke University and Sam was very proud to show her alma mater. We actually collaborated not in concrete research projects, but at the meta-level by our shared experience at Erasmus University and AMIA. Sam was very direct in her communication and could be quite candid, but it was essential to cementing a relationship as academic professionals and friends. And we always spoke Dutch to each other. I saw her grow as a person determined to set her own research agenda. She came as a junior researcher and in 2014 she was ready to make the next move on the academic ladder. Actually, when Sam was in Tilburg, we collaborated formally for the first time on a research proposal about patient privacy and cybersecurity and submitted it to the National Science Foundation; despite good reviews it was not funded. Dr. Samantha Adams was a great researcher and teacher, and a fine person. I miss her sorely, but my feelings pale compared with those of her daughter Jadzia and husband Patrick.

During her tenure at Erasmus University, Sam wrote 30 papers, which are all listed below. They show the quality and diversity of her scientific work.<sup>3,4,6,8,10-32</sup>

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