

## Curriculum Vitae

### 1. Personal information

**Name:** Stuart Roger McLennan  
**Date of Birth:** 23 May 1983, Dunedin, New Zealand  
**Nationality:** New Zealand Citizen  
**Research IDs** ORCID: 0000-0002-2019-6253 / ResearcherID: C-1048-2015



### 2. Education

08 / 2011 – 10 / 2014 **University of Basel**, Basel, Switzerland  
Dr. sc. med./PhD: Biomedical Ethics  
Title: Medical Error Communication: Policy and Practice  
Defence: summa cum laude (note 6), 1 October 2014.  
PhD Committee: First supervisor, Prof. Dr. Bernice Elger, Institute for Biomedical Ethics. Second supervisor, Prof. Dr. Daniel Scheidegger, Department of Anaesthesia. External expert, Prof. Dr. Mark Pieth, Department of Criminal Law and Criminology.

02 / 2002 – 05 / 2008 **University of Otago**, Dunedin, New Zealand  
Master of Bioethics and Health Law (Distinction) – 2006 / 2008  
Diploma for Graduates – 2005  
Bachelor of Arts – 2002 / 2004

### 3. Employment

04 / 2019 – present **Institute of History and Ethics in Medicine, Technical University of Munich**, Germany  
Advisor: Prof. Alena Buyx  
Position: Senior Research Associate, 50% April-December 2019; 100% January 2020.  
Position financed by core funding.

07 / 2017 – 12 / 2019 **Institute for Biomedical Ethics, University of Basel**, Switzerland.  
Advisor: Prof. Bernice Elger  
Position: Postdoctoral Research Fellow, 82% July-October 2017; 100% November 2017-June 2018; 85% July 2018-March 2019; 50% April-December 2019.  
Key duties: Conducting, managing and leading a pilot project funded by the Universität Basel's Forschungsfond on the ethical review of learning health care activities in Switzerland. Contributing to a project funded by NRP 74 Smarter Health Care aiming to promote the merging of health data in Switzerland. Conducting, managing and leading a project funded by the Swiss Academy of Medical Sciences' Käthe-Zingg-Schwichtenberg-Fonds on Physician Rating Websites in Switzerland.

07 / 2015 – 06/ 2017  
(Special leave 1 May 2016 - 18 August 2016) **Institute for History, Ethics and Philosophy in Medicine, Hannover Medical School**, Germany.  
Position: Postdoctoral Research Fellow, 70%.  
Key duties: Section leader for Health Policy. Conducting, managing and leading a systematic qualitative review of ethical issues in Learning Health Care Systems. Conducting, managing and leading a project on Physician Rating Websites. Teaching medical ethics seminars with medical students.

05 / 2016 -08 / 2016 **Institute for Biomedical Ethics, University of Basel**, Switzerland  
Position: Postdoctoral Research Fellow, 100%.  
Key duties: Conducting, managing and leading a pilot project identifying patient safety issues in office-based surgery and anaesthesia in Switzerland.

11 / 2014 – 05 / 2015 **Centre for Health Policy, University of Melbourne**, Australia  
Position: Research Fellow, 100%.  
Key duties: Conducting the project "Great expectations: Achieving the promise of public reporting of health service performance in Australia", including interviews with key stakeholders in in Australia's health care system.

- 06 / 2011 – 11 / 2014     **Institute for Biomedical Ethics, University of Basel, Switzerland**  
 Position: Research Assistant/PhD Student, 100%.  
 Key duties: Conducting research on the communication of medical errors, including interviews with key stakeholders, surveys with Swiss hospitals and anesthesiologists, organising and teaching seminars, co-supervising masters students, organising an international conference.
- 05 / 2010 – 11 / 2011     **Section for Social Policy and Social Economics, Ruhr-Universität Bochum, Germany**  
 Position: Research Assistant, 25%  
 Key duties: Co-authoring a Discussion paper for the World Bank regarding the portability of health care coverage. Developing and teaching a seminar course on patient rights and health care complaints.
- 05 / 2010 – 01 / 2011     **Institute for Medical Ethics and History of Medicine, Ruhr-Universität Bochum, Germany**  
 Position: Research Assistant, 25%  
 Key duties: Conducting researching on the regulation of medical error disclosure in Germany.
- 03 / 2008 – 12 / 2009     **Office of the Health and Disability Commissioner, Auckland, New Zealand**  
 Position: Complaints Assessor, 100% permanent  
 Key duties: Independently managing a caseload of work. Drafting high quality legally correct letters – conveying decisions, requesting information, referring matters to other agencies, updating parties and advising of options. Analysing complex written material and providing advice for action. Liaising with key internal staff and external agencies. Providing clear information to callers about complaints procedures, options for resolving complaints and the role of the Health and Disability Commissioner.

#### 4. Institutional responsibilities

- Organiser of Bioethics Research: Contemporary Debates. Seminar – Autumn Semester 2012. Institute for Biomedical Ethics, Universität Basel, Switzerland.
- Organiser of Bioethics Research: Contemporary Debates. Seminar – Autumn Semester 2011. Institute for Biomedical Ethics, Universität Basel, Switzerland.
- Co-organiser of Empirical Research in Bioethics: Qualitative and Quantitative Methods. Course – Autumn Semester 2011. Institute for Biomedical Ethics, Universität Basel, Switzerland. Part One: 29-30 August 2011. Part Two: 15 September 2011.

#### 5. Approved research projects

- Physician Rating Websites in Switzerland. Funder: Käthe-Zingg-Schwichtenberg-Fonds – Swiss Academy of Medical Sciences. Awarded 73'325 CHF – October 2017.
- The Ethical Oversight of Learning Health Care Activities in Switzerland. Funder: Spezialprogramm Nachwuchsförderung Klinische Forschung - Universität Basel. Awarded 75,000 CHF – April 2017.
- Warum bewerten so wenig Patienten ihren Arzt in einem Arztbewertungsportal? [Why do so few Patients rate their physicians on physician rating sites?] Funder: Hochschulinterne Leistungsförderung (HiLF) – Medizinische Hochschule Hannover. Awarded 15,000 EUR – December 2015.
- Developing a Patient Safety in Office-based Surgery Project: A Delphi Consensus Study. Funder: Gottfried und Julia Bangerter-Rhyner-Stiftung. Versorgungsforschung im Gesundheitswesen Förderprogramm – Swiss Academy of Medical Sciences. Awarded 25,000 CHF – March 2015.
- Medical Error Disclosure Attitudes in Switzerland. Funder: Käthe-Zingg-Schwichtenberg-Fonds – Swiss Academy of Medical Sciences. Awarded 39,550 CHF – June 2012.

#### 6. Supervision of junior researchers

- Johanna Eichinger. PhD thesis “Ethical issues in genetic testing in the era of big data” with Prof. Bernice Elger and Dr Isabel Filges, Universität Basel, 2018-present.
- Martin Diebold. Medical master’s thesis: “Swiss Nurses’ Perspectives Regarding the Communication of

- Errors: A Qualitative Study” with Prof. Bernice Elger, Universität Basel, 2011-13.
- Anina Pless. Medical master’s thesis: “Attitudes of healthcare workers towards enforced measures to increase influenza vaccination” with Prof. Bernice Elger, Universität Basel, 2011-13.

## 7. Teaching activities

### *Seminar Courses*

- Patient Rights and Healthcare Complaints. Seminar course independently developed and taught for the master program ‘Health Systems and Health Industry’. Faculty of Social Sciences, Ruhr-Universität Bochum, Germany. Winter semester 2010-11 and Summer Semester 2011.

### *Teaching Contributions*

- Geschichte, Theorie und Ethik der Medizin (GTE) with 5th year medical students - May 2019. Technical University of Munich.
- Tutorials of Scientific and Clinical Reasoning (TSCR) with medical students. May 2019, Universität Basel, Switzerland.
- “An introduction to evidence synthesis for bioethicists” for the Seminar: Research Methods in Bioethics - An Introduction. April 2019, Universität Basel, Switzerland.
- Körper Subjekt Umwelt: Seminararbeiten in Kleingruppen [seminar work in small groups] with first year medical students. Seminar group Behandlungsfehler [medical errors]. Seminar group Haben Ärzte eine ethische Verpflichtung, sich gegen Grippe impfen zu lassen? [Do physicians have an ethical obligation to get the influenza vaccination?]. Seminar group Die Vor- und Nachteile von Arztbewertungsportalen [Positive and Negatives of Physician Rating Websites], December 2018, Universität Basel, Switzerland.
- Bioethics Research: Contemporary Debates - Autumn Semester 2018, Universität Basel, Switzerland.
- Tutorials of Scientific and Clinical Reasoning (TSCR) with medical students. May 2018, Universität Basel, Switzerland.
- Körper Subjekt Umwelt: Seminararbeiten in Kleingruppen [seminar work in small groups] with first year Seminar group Behandlungsfehler [medical errors]. Seminar group Kontinuierliche Verbesserung der Gesundheitsversorgung [continuous health care improvement]. December 2017, Universität Basel, Switzerland.
- Geschichte, Theorie, Ethik der Medizin [History, Theory, Ethics of Medicine] with 4th year medical students – November 2016, February 2017, May-June 2017. Hannover Medical School, Germany.
- Psyche-Ethik-Recht: Problemorientiertes Tutoriat 2014 [Psyche-Ethics-Law: Problem oriented tutoring 2014] with medical students – Spring Semester 2014, Universität Basel, Switzerland.
- Lebenszyklen Kleingruppenunterricht Ethik [Life cycles small group ethics teaching] with medical students - Spring Semester 2013, Universität Basel, Switzerland.
- Bioethics Research: Contemporary Debates - Autumn Semester 2011, Universität Basel, Switzerland.
- Biomedical Ethics Seminar – Autumn Semester 2011, Universität Basel, Switzerland.
- Empirical Research in Bioethics: Qualitative and Quantitative Methods - Autumn Semester 2011, Universität Basel, Switzerland.
- POPLHLTH 746: Ethics, Culture and Societal Approach to Death - 2008. School of Population Health, University of Auckland, New Zealand.

### *University Didactics Training*

- Supervising Students - Dealing with Roles and Relationships. Hochschuldidaktik, Universität Basel, Switzerland. March 2018.
- Tutorial of Scientific and Clinical Reasoning (TSCR) –Tutor training. Universität Basel, Switzerland. February 2018.

## 8. Memberships in panels and individual scientific reviewing activities

### *Committees*

- Member of the End-of-life-Decision-Making Committee, Otago District Health Board, Dunedin, New Zealand, 2006-2007.

### *Editorial Boards*

- BMC Health Services Research – Associate Editor. February 2018 – present.

#### *Individual Scientific Reviewing Activities*

- Telematics and Informatics, April 2019.
- BMJ Evidence-Based Medicine, March 2019, April 2019.
- BMJ Innovations, September 2018.
- Science and Engineering Ethics, August 2018.
- BMJ Open, July 2018.
- Health Science Reports, November 2017, February 2018.
- Clinical Nursing Research: June 2017, November 2017, March 2018.
- Journal of Magnetic Resonance Imaging: February 2017.
- BMC Health Service Research: August 2016, March 2018.
- Journal of Medical Internet Research: February 2017, November 2016, January 2018, March 2019.
- Bioethics: February 2016, June 2016.
- Postgraduate Medical Journal: June 2015.
- Journal of Influenza and Other Respiratory Viruses: August 2009, October 2009, June 2010, November 2011, March 2012, July 2012, August 2012.
- BMJ Quality and Safety: January 2012.
- Healthcare Infection Journal: April 2008.
- Drug Discovery Today: February 2008.
- Journal of Vaccine: December 2007; October 2008.

#### **9. Active memberships in scientific societies, fellowships in renowned academies**

- Akademie für Ethik in der Medizin e. V. [German Academy for Ethics in Medicine]. December 2018 – present.
- Deutsches Netzwerk Evidenzbasierte Medizin e.V. [German Network for Evidence-based Medicine]. November 2015 – present.

#### **10. Organisation of conferences**

- Conference co-organiser: 27th European Conference on Philosophy of Medicine and Health Care ‘Innovation in Health Care and the Life Sciences. 14 – 17 August 2013, Universität Basel, Switzerland.

#### **11. Prizes, awards, fellowships**

- PhD Dissertation Award (Auszeichnung) – Academic Year 2014/2015. Medical Faculty Universität Basel, Switzerland. October 2016
- Top Paper Award. Category: Disclosing Medical Errors. International Conference on Communicating Medical Error, Switzerland. March 2013
- Health Research Council Summer Studentship. University of Auckland, New Zealand. November 2007 – February 2008.
- Faculty of Arts Summer Scholarship. University of Auckland, New Zealand. November 2007 – February 2008.
- Postgraduate Award. University of Otago, New Zealand. December 2006.
- Bioethics Centre Summer Scholarship. University of Otago, New Zealand. November 2005 – February 2006.
- J.A. Harvie Prize in Philosophy. University of Otago, New Zealand. December 2003.

## Major scientific achievements

### Patient Safety/Quality Improvement

- My PhD project on medical error medical communication received funding from the Swiss Academy of Medical Sciences' Käthe-Zingg-Schwichtenberg-Fonds, resulted in 10 peer review journal articles and received a Note 6 (summa cum laude). The Medical Faculty awarded my PhD an Auszeichnung for one of the best medical dissertations of study year 2014/2015. I am now a recognised expert in the field and was an invited speaker at Harvard University during my PhD and at a WHO workshop on incident disclosure in November 2015 at Foundation Brocher. I also gave two presentations at the Third International Incident Disclosure Conference in Amsterdam, October 2016. A number of my PhD articles are used in medical ethics teaching throughout Switzerland.

### Influenza vaccination of healthcare workers

- I have carried out extensive theoretical and empirical research on the influenza vaccination rates of healthcare workers. In the New Zealand context, my research led to meetings with the Department of Labour, which oversees the Health and Safety in Employment Act 1992, regarding how to improve vaccination rates. I was also interviewed on National Radio regarding this issue. In Europe, I have published research which advocated changes in Germany with colleagues from the Ständige Impfkommission (STIKO), the Office of Public Health and the Robert Koch-Institute, and supervised a medical master's thesis in Basel, which interviewed non-vaccinated nurses. Furthermore, the US National Vaccine Advisory Committee cited one of my articles in its recent recommendations regarding the annual influenza vaccine coverage goal for health-care personnel.

### End-of-life

- Following a qualitative interview study with physicians, nurses and elderly patients at Dunedin Public Hospital in New Zealand regarding end-of-life care, I was asked to become a member of the End-of-Life-Decision-Making Committee at the Otago District Health Board. The Committee's aim is to improve end-of-life care and decision-making at Dunedin Hospital through improving the District Health Board's end-of-life policies. The understanding gained from my research was used to inform a performance improvement initiative regarding end-of-life communication in Dunedin Public Hospital.
- My Master of Bioethics and Health Law dissertation analysed hospitals' cardiopulmonary resuscitation policies, which was thought to have made "a significant original contribution to medico/legal discourse in this important area of medical practice", by one of my dissertation markers. While working at New Zealand's Health and Disability Commissioner's Office, I was asked to provide advice to the Commissioner's legal team regarding this issue and draft the Commissioner's opening speech at the New Zealand Resuscitation Council's conference. I published an article on this issue with leading authorities in medical law in New Zealand, the accompanying editorial written by a senior clinician thought that the article "should be mandatory reading for any medical practitioner ever likely to be confronted with a cardiac arrest". The New Zealand Resuscitation Council has also used my work to inform new guidelines which are used throughout New Zealand. Furthermore, I published an article on this issue in the leading international journal of *Resuscitation*.