

Cheryl Cox Macpherson
Professor, Chair, Course Director
Bioethics Department
St. George's University School of Medicine, Grenada

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CONTACT DETAILS

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Residence

Seven Palms, Mont Tout, St. George's
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U.S. Citizen
Married, one child born 1998
Resident in the Caribbean since 1992

EDUCATION

Indiana University, PhD. Medical Sciences Program, Anatomical Sciences, 1987
Ph.D. Dissertation title: Influence of nerves on the cell cycle and metabolism of glycosaminoglycans in the extracellular matrix of regenerating *Ambystoma* limbs.

Purdue University, BSc. Department of Biology, 1982

In 1994 my career shifted from biomedical sciences to bioethics.

PROFESSIONAL APPOINTMENTS

Professor and Chair, Bioethics Department

St. George's University School of Medicine (SGUSOM), 2003 – Present

The Bioethics Department at St George's University (SGU) is charged with centralizing and strengthening bioethics through out SGU. We run a required medical student course and several "selective" courses for medical, veterinary, and graduate students one of which includes clinical experience in Sweden. We collaborate on faculty development, IRB training, and the White Coat Ceremony held in Grenada and at SGU's satellite campus in England. We host notable bioethicists including Ruth Macklin (Albert Einstein College of Medicine), Robert Veatch (Georgetown University), and Matthew Wynia (American Medical Association) who serve as speakers and enhance departmental development.

Course Director, St. George's University School of Medicine, 2007 – Present

"Bioethics and the Professional: Medicine and Society I"

Professor, SGU Graduate Studies Program (GSP), 2001 – Present

Adjunct Professor, SGU School of Veterinary Medicine (SGUSVM), 2006 – Present

Previous positions

- Associate Professor, SGUSOM, 1994 – 2002
- Assistant Professor, SGUSOM, 1993
- Assistant Professor, University of the West Indies, Trinidad, 1992-1993
- Postdoctoral Fellow Birmingham University, Biochemistry Dept., Birmingham, England. 1988 -1990
- Associate Instructor, Indiana University School of Medicine, 1983-1987

TEACHING

Courses within the Bioethics Department

- **BIOE 501 Bioethics and the Professional: Medicine & Society I**

I serve as Course Director; supervise my Associate Course Director at SGU's satellite campus at Northumbria University in England; and coordinate visiting professors and clinical tutors. This 1 credit hour course runs 5-6 weeks twice annually in Grenada and at our satellite campus at Northumbria University in Newcastle, England. The course is required for all entering medical students; about 500 are enrolled between the 2 locations. The course introduces professional competencies and bioethical reasoning through lectures, group discussions, online reading and writing assignments, and a multiple choice exam.

- **BIOE 801/SCSK 516/SVMBIOE 806/GSPELEC 513 Research Ethics**

Required for some graduate students and cross listed in other programs as a “selective”

- **SCSK 529 / GSPELEC 513/ SVM BIOE 806 Bioethics Today Selective**

A “selective” series of seminars and student presentations primarily geared to medical students

- **SCSK 601 Clinical Aspects of Pain**

A “selective” course coordinated by an anesthesiologist (SGUSOM faculty) that introduces students to clinical, ethical, and neuroscientific perspectives on pain

- **SCSK 528 - Clinical Professionalism in Sweden (June 2009, June 2010)**

A “selective” coordinated by a neurologist based at Uppsala University, Sweden that offers exposure to European medicine and clinical practice

Teaching in Other Departments

I regularly collaborate and/or teach bioethics within other SGU courses listed below

- **School of Medicine**
 - PubH 501 Community and Preventive Medicine: Medicine & Society II
 - PubH 807 Principles of Environmental health
 - BCHM 550 Medical Biochemistry
 - PATH 675 Basic Science for Clinical Reasoning (BSFCR)

- **School of Veterinary Medicine**
 - PTHB 502 An Introduction to Research: Evolving Nature of Veterinary Medical Science and Practice
 - **Negotiating to lecture for SVM PAWS**

- **School of Arts and Sciences**
 - BUSI 303 Business Ethics

Previous teaching at SGUSOM

- Professional Development Program, Clinical Skills 2003 – 2005
- Substance Abuse Prevention Panel, 2003-2007
- Public Health Journal Club, 2000 – 2001
- Public Health and Human Rights, 2000
- Basic Science Foundations, Clinical Skills, 1995 – 2003
- Medical Ethics Module of Clinical Skills, 1994 – 2007
- Medical Ethics Module of Behavioral Sciences, 1994 – 1995

ADMINISTRATIVE EXPERIENCE

Vice Chair SGU Institutional Review Board (SGU IRB), August 2006-2010

The SGU IRB was established in 2002. It serves SGU, Grenada's Ministry of Health, and international researchers and institutions. It is registered with the U.S. Office of Human Research Protections (OHRP) in the DHHS.

Chair SGUSOM White Coat Ceremony Committee, 1995 – Present

Chair SGU Professionalism Panel, 2002 – Present

Chair SGUSOM Professionalism Committee, 2003 – Present

Chair Grenada's Ministry of Health's Steering Committee on the Development of Palliative and Hospice Care (CDPHC), 2004-2008

Chair Humanism in Medicine Internship Selection Committee for the Gold Foundation and the NJ Board of Health), 2005 – 2007

Chair SGU Institutional Review Board (SGU IRB), 2004-2005

Chair Deans Committee on Medicine and Society, 2000 – 2002

Member Staff and Faculty Humanism Award Committee, 2004-2006

Curriculum Council, 2007-2008

Deans Committee on Professionalism, 1996 - 2003

Jonathon Mann Memorial Grant Committee, 1999 – 2002

Library Committee, 1994 - 2000
Steering Committee, Womens Health Conference, University of the West Indies, Barbados 1992

Interviewer SGU Board of Admissions, 1996 - Present

Coordinator Student AIDs Day activities, 1998 - 2000
Clinical Ethics Discussions, 1995 -1996
Clinical Ethics Panel and Seminar, 1995-1996

Chapter Advisor Gold Humanism Honor Society (GHHS), 2006-Present

Faculty Advisor Humanitarian Service Organization, 2009-Present
Persian Student Association, 2005-Present
Bioethics Interest Group, 2004-2007
Student Professionalism Committee, 2002-2008
Physicians for Human Rights (Student chapter), 1999 - Present
Women in Medicine (AMSA chapter), 1994 - Present
Ethics Task Force (AMSA chapter), 1995-1996

Secretary WINDREF IRB, 1994-2002
The Windward Islands Research and Education Foundation (WINDREF) is a 501-C3. It established the first IRB in Grenada which evolved into SGUs IRB. I was a Co-Founder.

Facilitator Student exchange program with Uppsala University, 2005-2008
Medical students from Uppsala did research and clinical work in Grenada (reproductive health education; post-disaster demographics; diabetic foot): a Grenadian medical student had training and clinical experience in Sweden (medicine and human rights)

EDITORIAL WORK

Reviewer *Oxford University Press, Book Prospectus, 2008*
The Wellcome Trust, Grant Applications, 2003-Present
Medical Education, since 2007
Bioethics, since 2005
Medical Science Monitor, since 2005
West Indian Medical Journal, since 2003
Developing World Bioethics, since 2001
Journal of Medical Ethics, since 2001

Member Editorial Board, *Developing World Bioethics*, since 2001

Editor Special issue of *Developing World Bioethics* "Standards and Practices in a Diverse World" with Co-Editor Ruth Macklin. (Forthcoming in 2010).

Editor Bioethics Caribe: Newsletter of the Bioethics Society of the English Speaking Caribbean (BSEC), 2007-Present

RESEARCH

Research Interests

Bioethical perspectives on the health impacts of climate change; Bioethics in public health and health policy; Palliation and end of life; Caribbean bioethics; Professionalism; Culture; Research ethics; Bioethics education

Current Projects

- Bioethics role in responding to health impacts of climate change
- Stakeholder consultation and partnership to guide health policy in the Caribbean

Chair, Thesis Supervisory Committee for MD/MSc students

- End of life care in Grenada (S Kreitschitz) 2002
- A comparative study of HIV/AIDs in Botswana and Grenada (D Thliowe) 2001

Member, Thesis Supervisory Committee for MD/MSc and MPH students

- HIV/AIDs in rural Botswana: Differentiating between educating and informing (M Coangae, MSc) 2002
- HIV in Botswana (S Mkwinja, MSc) 2002
- HTLV prevention in Grenada (R Connolly, MSc) 2000
- Domestic violence in Grenada (L Wilson, MPH) 2001

External examiner for MD/MSc student thesis defense, 1996

HIV education in Grenada (D Melamed)

ELECTED POSITIONS at SGU

President	SGU Graduate Studies Faculty Senate, 2000 – 2004
Vice President	SGU Graduate Studies Faculty Senate, 1998 – 1999
Chair	SGU Graduate Studies Executive Committee, 1998 – 2000
Secretary	SGU School of Medicine (SOM) Basic Science Division, 1996-1998 SGU SOM Faculty Senate, 1994-1997
Member	SGU SOM Executive Committee, 2006-2009 SGU SOM Curriculum Committee, 2001-2003 SGU SOM Executive Committee, 1996-2000

COMMUNITY SERVICE

- Coordinate Bioethics Grand Rounds Seminar Series (2007 –Present)
- Workshops for Grenada's Ministry of Health, 2004-2009
- Florida Assn of Volunteers for the Caribbean (FAVACA), 2000
- Program for Adolescent Mothers, 1994 – Present
- Community Health Foundation, London, 1990-1991
- The National Trust, England, 1988-1990
- Indiana University Graduate Student Organization, 1986-1987
- Big Brothers/Big Sisters, Bloomington, IN 1985-1987

- Student Senate, Purdue University, 1977-1980

PROFESSIONAL MEMBERSHIPS

- Bioethics Society of the English-speaking Caribbean (BSEC), 2006-Present (Elected Vice President, 2006-2010)
- Gold Humanism Honor Society, Inducted 2008
- International Association of Bioethics, 1994 – Present
- Hastings Center, 2000 – 2002, 2006-Present
- Kennedy Institute of Ethics, 1994 – 1997, 2002, 2006-Present
- International Association of Medical Sciences Educators, 1995 – Present
- PRIM&R (Professional Responsibility in Medicine and Research), 1995 -1997
- ARENA (Applied Research Ethics National Association), 1995 -1997
- Women and Development Studies Group, Univ of the West Indies, 1993 – 1998

AWARDS and CAREER DEVELOPMENT

- SGU Small Research Grant \$3,000? Sept 2010
- Arnold P Gold Foundation, \$1500, December 2008
- Arnold P Gold Foundation, \$750, January 2008
- Certificate, Marine Biological Lab (developmental biology course) Woods Hole, MA, 1987
- Moore Graduate Student Award, Indiana University, 1982
- Student Leadership Award, Purdue University, 1981

SGU Travel Grants

- Pain and Policy Studies Group, Univ of Wisconsin, Madison, 2004
- Mt Sinai School of Medicine, Ethics Program, NYC, 2003
- American Medical Association, Ethics Unit, Chicago, 2000 and 2002
- Teaching Research Ethics, Poynter Center, Indiana University, 1999
- Human Rights and Health, Harvard School of Public Health, 1996
- MacLean Center for Clin Medical Ethics, Univ of Chgo, 1995, 1998, 2001
- The Wellcome Trust, London, 1999
- London School of Hygiene & Tropical Medicine, 1995
- Department of Law and Medical Ethics, King's College, London, 1995
- Medical Humanities Dept., Stritch School of Medicine, Loyola Univ, 1995
- Intensive Bioethics Course, Georgetown University, 1994

INVITED LECTURES

Teaching Medical Professionalism through Basic Science Courses. International Conference on Medical Professionalism and Humanity: Science Education for Tomorrow's Health Professionals. Center for General Education, Kaohsiung Medical University, Taiwan. 5 December 2009.

Professionalism. Professionalism Workshop for Physicians. Ministry of Health, Grenada. 9th and 18th June 2009.

The Undertreatment of Pain in the Caribbean Region. 2nd Annual Forum of the Bioethics Society of the English-speaking Caribbean. Grenada. 11 October 2008.

Culture and Gender in Medicine. Sch of Medicine, Uppsala, Sweden, May 2008.

Caribbean Bioethics. Panelist, Florida Bioethics Network, Miami, 4 April 2008.

Bioethics and the Professional. CME sponsored by St Joseph's Hospital and Medical Center (New Jersey), Grenada, 13 Feb 2008.

Professionalism: What is it? Forum of the Bioethics Society of the English-Speaking Caribbean, Montego Bay, Jamaica. 5 May, 2007

Palliative Care in the Caribbean: Development through Consultation. David Thomasma International Bioethics Retreat. Pellegrue, France. 11-16 June, 2006.

Approaches to Pain Relief Around the World. CME sponsored by Seton Hall University, St Vincent, 19 Nov 2005.

HIV, Gender and Ethics. Sch of Medicine, Uppsala, Sweden, June 2005.

Palliative Care and Ethics. Sch of Medicine, Uppsala, Sweden, May 2004.

HIV and Ethics: Clinical Concerns. Botswana Medical Students Association International Teleconference, Grenada. December 2002.

CONFERENCE PRESENTATIONS

SGU's Humanitarian Service Organization (HSO). Greathouse M, Kilpatrick M, Gifford S, Pakzad N, Macpherson CC. Gold Humanism Honor Society Biennial Conference. Dallas, 7-9 Oct, 2010.

Conceptualizing palliative care for the developing world as "good work". Balda JB and Macpherson CC. 8th International Conference of the International Development Ethics Assn. Valencia, Spain. 2-4 Dec, 2009.

Medical student views about medical ethics. Macpherson CC and Veatch RM. David Thomasma International Bioethics Retreat. Cambridge, England. 18-22 June, 2007.

Pain management and palliative care education. (Poster). Kurent JE, Macpherson CC, and Yearwood R. MUSC Faculty Convocation. Charleston, SC. August 2006.

Partnering with Stakeholders to Promote Palliative Care in the Caribbean. Macpherson CC. The Appignani Center for Bioethics, United Nations Plaza, NYC. 21-23 April, 2006.

End of life concerns in the Caribbean. Macpherson CC and Kreitzschitz S. Caribbean Health Research Council Annual Meeting. Grenada. April 2004.

End of life concerns: Caribbean stories. Macpherson CC and Kreitzschitz S. ASBH Spring Conference: Narratives in Medicine. Northwestern Univ Sch of Medicine, Chicago. April 2003.

Research ethics. Macpherson CC. Caribbean Health Research Council: Research Skills Workshop. Grenada. November 2003.

Disclosure in cross cultural research. Macpherson CC and Connolly R. 30th Annual Conf on Values Inquiry: Values in Healthcare. Medical College of Wisconsin. Milwaukee. April, 2002.

End of life care in Grenada. Kreitzschitz S and Macpherson CC. A Quarter Century of Progress: Contributions to Worldwide Medical Knowledge. Grenada. January 2002.

Knowledge, attitudes, beliefs, and practices about domestic violence/abuse among students in Grenada. (Poster) Wilson L, McCann T, and Macpherson CC. Annual Meeting of the American Society of Public Health. October 2001.

Ethics in human subjects research in the Caribbean. Macpherson CC. Pan American Health Organization Research Ethics Workshop. Trinidad. February 2001.

IRBs: Beyond the guidelines. Macpherson CC. International Assn of Bioethics 5th World Congress. Imperial College, London. September 2000.

Disclosure and consent in international research. Connolly R and Macpherson CC. International Assn of Bioethics 5th World Congress. Imperial College, London. September 2000.

Bioethics in Grenada. AMA Ethics Unit, Chicago. April 2000.

Experiences of a research ethics committee in Grenada. Macpherson CC. Pan American Health Organization Research Ethics Workshop. Trinidad. February 2000.

PUBLICATIONS

1. Macpherson CC. A bioethical perspective on Oklahoma's new abortion law. (Invited). *Women's Bioethics Project*. May 6, 2010. <http://womensbioethics.blogspot.com/>.
2. Macpherson CC. An ethical imperative to go green. (Letter) *Academic Medicine* 2010. (Accepted).

3. Macpherson CC and Veatch RM. Medical student attitudes about bioethics. *Cambridge Quarterly of Healthcare Ethics*. 19(4): 488-496. 2010.
4. Macpherson CC. Public health, bioethics and policy: Protecting our health and environment. *International Public Health Journal* 2(4): 00-00. 2010. (Invited).
5. Macpherson CC and Macklin R. Symposium editorial: African perspectives. *DWB* 10:30-33. 2010.
6. Macpherson CC. Undertreated pain: A challenge for physicians and patients. *JME* 35:603-606. 2009.
7. Macpherson CC and Aarons D. Overcoming Barriers to Pain Relief in the Caribbean. *Developing World Bioethics* 9: 99-104. 2009.
8. Macpherson CC. Time for physicians to take action on climate change. (Letter) *Academic Medicine* 84: 817. July 2009.
9. Macpherson CC. An international perspective on American bioethics. (Invited). *ASBH Exchange* (American Society for Bioethics and Humanities). 11 (1): 3,10. 2008.
10. Macpherson CC and Kenny N. Professionalism and the basic sciences: An untapped resource. *Medical Education*. 42 (2); 183-188. 2008.
11. Macpherson CC. Grenada. In: Cultural Health Assessment (pocket guide series), 4th Edition. Mosby. C D'Avanzo and E Geissler, Eds. 2008.
12. Macpherson CC. Global Bioethics: Did the Universal Declaration on Bioethics and Human Rights Miss the Boat? *Journal of Medical Ethics*. 33 (10); 588-590. 2007.
13. Macpherson CC. Healthcare development requires stakeholder consultation: Palliative care in the Caribbean. (Invited). *Cambridge Quarterly of Healthcare Ethics*. 15:248-255. 2006.
14. Macpherson CC. Qualitative research elucidates needs for palliative care. (Invited). *Tip Etigi-Hukuku-Tarihi* (Turkish J of Medical Ethics, Law and History). 14 (1): 16-22. 2006.
15. Macpherson CC. Sick to Death and Not Going to Take it Anymore: Reforming Health Care for the Last Years of Life. By Joanne Lynn. *Cambridge Quarterly of Healthcare Ethics* 15 (2): 204-206. 2006. (Book Review).
16. Macpherson CC. Forum: The potential for IRBs in developing countries. (Invited). *Lancet Oncology* 5(5): 328-329. 2004.
17. Macpherson CC. Research sponsors duties to developing world host nations: the ongoing WMA discussion of possible revisions to the 2000 Declaration of Helsinki. *Developing World Bioethics* 4(2): 173-175. 2004.
18. Macpherson CC. To strengthen consensus, consult the stakeholders. *Bioethics* 18 (3): 283-292. 2004.
19. Kreitzschitz S and Macpherson CC. End of Life Care: Perspectives from Families and Caregivers. *West Indian Medical Journal* 52 (3): 269-274. 2003.
20. Macpherson CC. Grenada. In: Cultural Health Assessment (pocket guide series), 3rd Edition. Mosby. C D'Avanzo and E Geissler, Eds. 2003.
21. Macpherson CC and Connolly RL. Enough is enough: Disclosure in cross cultural research. *IRB*. 24 (3): 7-9. 2002.
22. Macpherson CC. Palliative care: A global duty. *Tip Etigi* (Turkiye Klinikleri: Turkish Clinical Journal of Medical Ethics). 10 (1): 11-15. 2002.

23. Macpherson CC. Research ethics in Grenada: Beyond the Guidelines. *Developing World Bioethics*. 1 (1): 57-68. 2001.
24. Macpherson CC. Research ethics committees: Getting started. *West Indian Medical Journal*. 50 (3): 186-188. 2001.
25. Anonymous. Letter to the Editor. Response to an editorial on euthanasia. *The Grenadian Voice*, February 2001.
26. Macpherson CC. Should the Declaration of Helsinki be revised? (Letter) *New England Journal of Medicine* 341: 1852. December 9, 1999.
27. Macpherson CC. Research ethics committees: a regional approach. *Theoretical Medicine and Bioethics*. 20: 161- 179. 1999.
28. Macpherson CC. Examining medical ethics by multiple choice questions and evaluation of participation in seminar discussions. *Newsletter of the International Association of Bioethics*. 10: 9-11. 1999.
29. Macpherson CC. The ethics of AIDS vaccine trials (Letter). *Science* 280: 1330; 29 May 1998.
30. **Cox C**. Medical education, women's status, and medical issues effect on womens health in the Caribbean. *Healthcare for Women International* 18: 383-393. 1997.
31. **Cox C**. Textbook of Healthcare Ethics, by EH Loewy. *Soc Sci Med* 45, 501-503. 1997. (Book Review).
32. **Cox C** and Macpherson CNL. Modified informed consent in a viral seroprevalence study in the Caribbean. *Bioethics* 10: 222-232. 1996.
33. **Cox C**. Knowledge and the Scholarly Medical Traditions, editor, DS Bates. *Social Science and Medicine* 43: 1842-1843. 1996. (Book Review).
34. **Cox C**. Student responses to problem based learning in the Caribbean. *AAMC Basic Science Educator* 6 (1): 19. 1995.
35. Mescher AL and **Cox CA**. Neural influence on the extracellular matrix during blastema formation. In: Recent Trends in Regeneration Research. Academic Press, NY. 1989.
36. Mescher AL and **Cox C**. Hyaluronate accumulation and nerve-dependent growth during regeneration of larval Ambystoma limbs. *Differentiation* 38: 161 -168. 1988.
37. Mescher AL, Munaim SL, and **Cox CA**. Neural influence on hyaluronic acid synthesis during limb regeneration. In: Regeneration and Development (S. Inoue et al) Okada Printing and Publishing Co, Japan. 1988.