

(MARY) KAYE EDWARDS

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Education

- 1975 B.S. Biological Sciences (magna cum laude), Indiana University, Bloomington, IN
1982 Ph.D. Molecular, Cellular and Developmental Biology, University of Colorado, Boulder, CO
1982-1986 Post-doctoral research in Biology (Massachusetts Institute of Technology);
Rheumatology and Immunology (Harvard Medical School); Molecular Parasitology
(New England Biolabs)
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Professional Appointments

Haverford College, Haverford, PA

1986-1994 Assistant Professor (Biology)

1994-2017 Associate Professor (Independent College Programs)

2017 Emerita Associate Professor (Independent College Programs)

Williams College, Williams, MA

Spring 2013 Class of 1955 Visiting Professor in International Studies

College Administration and Governance

2013-2016 Founding Director, [Health Studies Minor](#)

2009-2016 Faculty Director, [Quaker Affairs](#)

2010-2012 Coordinator, Gender and Sexuality Studies

2003-2006 Director, [Center for Peace and Global Citizenship](#)

2002-2005 Founder and Director, [Haverford House](#)

1998-2003 Coordinator, [Multicultural Scholars Program](#)

1998-2018 Member, Corporation of Haverford College

2008-2017 Advisory Committee, Corporation of Haverford College

2011-2016 Convener, Quaker Academics Working Group of Corporation

2009-2011 Convener, Campus Connections working group of Corporation

2008-2010 Member, Working Group on Governance, Policy and Procedure (self-study for Middle States Reaccreditation)

College Service

2015-2016 Chair, Ad-Hoc Hiring Committee for Douglas and Dorothy Steere Professorship In Quaker Studies;

Member, Working Group for Civic Engagement and Social Responsibility;

Member, Organizing Committee for Public Policy Forum

Previous Service

Elected Positions: Alternate Faculty Representative At-Large to Academic Council; Faculty Representative for Cases of Racial and Sexual Harassment

Other Committees: Institutional Effectiveness Committee; Working Group to review PA Act 153;

Advising and Mentoring: Chesick Scholars Mentor; Academic Advisor for First and Second-year students; Seminar leader during Customs Week; Academic Advisor for Independent

Majors in Public Health; Mentor for student-led Social Medicine Seminars; Pre-health Advising; Womentoring Program

Advisory Committees: Administrative Advisory Committee; Animal Care Committee (Chair); Institutional Review Board; Presidential Committee on Diversity; Committee on Environmental Responsibility; Editorial Advisory Committee for Haverford magazine; Sexual Misconduct Policy Advisory Committee

Faculty Marshal at Commencements

Personnel Committees: Elected faculty representative to hear cases of sexual or racial harassment; member of grievance panels; presenter for faculty reappointment and promotion; search committees for first-year dean, science librarian, program coordinators for Center for Peace and Global Citizenship (chair) and Quaker Affairs Office (chair), faculty position in Peace, Justice and Human Rights (chair) and Steere Professorship in Quaker Studies (chair)

Selection Committees: College Honors, Mellon Minority Undergraduate Fellows, Phi Beta Kappa, Haverford House Fellows

Steering Committees: Bi-College Teacher Education; Feminist and Gender Studies; Biology, Medicine and Society; Hughes Integrated Science Program; Praxis Program (Bryn Mawr College); Center for Peace and Global Citizenship; Gender and Sexuality Studies; Tri-College Working Group to Develop a Health Studies Curriculum

Awards and Grants

2015-2016 Initiative for Ethical Engagement and Leadership, Ethical Inquiry Course Development Grant (\$7,200)
Center for Peace and Global Citizenship, Curriculum Support Grant for myself and 5 students in "Senior Seminar in Health Studies" to travel to Arizona and New Mexico over Fall Break (\$7,795)

2014-2015 Center for Peace and Global Citizenship, Study Tour Grant for 5 students in "Reproductive Health and Justice" to travel to Nicaragua over Fall Break (\$7,500)

2013-2014 Provost Research Fund: Preventing Cervical Cancer in Nicaragua. Improving screening and health education in rural communities (\$1420)

2013-2014 Center for Peace and Global Citizenship, Faculty Curricular Support Award: Reproductive Health and Justice. Comparative Study of the United States and Nicaragua (\$15,000)

2012-2013 Provost Research Fund: Preventing Cervical Cancer in Nicaragua. Feasibility of HPV Immunizations in Local Clinics (\$4350)

2010-2011 American Association of Colleges and Universities: General Education and Global Learning, Faculty Leader for Haverford's team

2010 Teagle Foundation: Secularity and the Liberal Arts (consultation at Haverford)

2007-2008 Teagle Foundation: Developing Collaborations to Assess and Improve Community-Based Learning within the Tri-College Consortium (\$20,000)

2006-2007 Spencer Foundation: Assessing International and Service Learning (\$5000)

2006 Students' Association Award for outstanding service to the Haverford community and upholding the qualities intrinsic to a Haverford education

2002-2008 Assist Institutional Advancement in securing long-term programming and staffing funds for Center for Peace and Global Citizenship

1998	Students' Association Award for outstanding service to the Haverford community and upholding the qualities intrinsic to a Haverford education
1996	Prize for Innovation in Teaching, Haverford College
1995-1998	Knight Foundation: Inquiry-based Math and Science in the Middle Schools (\$231,000)
1990-1993	National Institutes of Health (AREA): Role of <i>col-1</i> in Collagen Assemblies of <i>C. elegans</i> (\$102,708)
1987-1988	Ford Foundation: Gender Studies in the Disciplines (\$5000)
1987-1989	National Science Foundation (CSIP): Acquisition of a Transmission Electron Microscope for Undergraduate Instruction and Research (\$50,000)
1987-1989	Research Corporation: Analysis of Cuticle Formation in the Nematode <i>Caenorhabditis elegans</i> (\$20,000)
1987-1989	National Science Foundation (ROW): Cuticle Development in <i>C. elegans</i> . The Role of the <i>sqt-3</i> Locus (\$10,000)
1983-1985	National Institutes of Health Research Service Award
1982-1983	Muscular Dystrophy Association Postdoctoral Fellowship
1977-1980	National Science Foundation Predoctoral Fellowship
1974	Phi Beta Kappa

Professional Development, Outreach and Service

2016	Educational delegation (with 5 students) to Arizona and New Mexico, including visits to hospitals, community health programs, museums, and national parks. Through conversations with health care providers at Indian Health Service, private, and Navajo Nation hospitals, with NIH researchers, educators, public health workers, and with citizens of the Navajo, Hopi, and Apache Nations, we learned about the resilience of Native cultures and about programs to improve the health and well-being of American Indians in the Southwest. Their trip covered 787 miles from Phoenix to Albuquerque, with stops in Flagstaff, Tuba City, Second Mesa, Chinle, Ganado, Window Rock, and Gallup. This field study was funded by the CPGC and inspired by Dr. Ana Maria Lopez, BMC '82, who connected the team with her colleagues.
2015-2017	Co-Clerk of the Capital Campaign Committee for Pendle Hill , a Quaker study, retreat, and conference center in Wallingford, PA.
2015-2016	Trained facilitator for the "Roots of Injustice, Seeds of Change: Towards Right Relationship with America's Native Peoples" experiential workshop. http://www.boulderfriendsmeeting.org/ipc-right-relationship/
2014-2018	Member, Indigenous Peoples Concerns Committee, Boulder Friends Meeting.
2014-2016	Member of the organizing committee for an international conference, "Quakers, First Nations, and American Indians: From the 1650s to the 21st Century," to be held at the University of Pennsylvania, Bryn Mawr College and Haverford College from November 10-12, 2016. http://www.mceas.org/quakersandamericanindians/index.htm
2013	Escuela de Español Colibrí, Matagalpa, Nicaragua
2012-2015	ProNica, Board Member
2012	Cervical cancer prevention course, e-oncología and FIGO (15 CME through ACOE)
2012	ProNica delegation with 10 Haverford students to study political and economic history of Nicaragua and to meet with grassroots organizations working for peace and social justice

2011	AAC&U Shared Futures Summer Institute, General Education for the Global Century
2010-2011	FAHE, local planning committee for annual conference at Bryn Mawr College, <i>Living our Heritage: Seeking Equality through Education</i>
2010-2012	Campus-Community Coalition for Health Education, Engagement and Research (Bryn Mawr College and School of Social Work and Social Policy, Haverford College, Swarthmore College, Villanova University School of Nursing, Lankenau Institute of Medical Research)
2010	ProNica delegation with six students who were starting CPGC-sponsored summer internships with grassroots organizations in Managua, San Marcos, Matagalpa, Esteli and Achuapa, Nicaragua.
2009-2010	Social Justice Educational Initiatives, Bi-College Faculty Discussion Group
2008	Teaching Learning Initiative, Bi-College Faculty Seminar on pedagogy
2008	<i>Public Health and Educated Citizens</i> , Association of American Colleges and Universities, Association of Prevention Teaching and Research summer workshop
2007	Teagle Workshop on Assessment Practices
2007-2009	Culture, Health, and Medicine, Tri-College Faculty Working Group
2006	Intensive Spanish language study in Guatemala, meetings with scientists doing exhumations of genocide victims and with CONAVIGUA (mothers of the genocide)
2006-2009	Forum on Excellence and Innovation in Higher Education, Harvard University
2005	Meetings with academic and political leaders in Poznan, in conjunction with a Bi-College Chamber Singers Tour in Poland
2005-2006	<i>Representations of Political Violence</i> , Hurford Humanities Center Faculty Seminar
2004-2005	FAHE, local planning committee for annual conference at Haverford College, <i>Centering on the Edge: Intellect, Spirit, Action</i>
2004-2006	Haverford Representative to Consortium for Peace and Justice Centers, Greater Philadelphia Colleges and Universities
2003	<i>Statistics across the Curriculum</i> , Howard Hughes Medical Institute Faculty Seminar
2002	<i>Science and Society</i> , Howard Hughes Medical Institute Faculty Seminar
1997-1998	Gender and Science Course Development, Tri-College working group
1995-1998	Knight Foundation Program, assisted in program design and development; worked with middle school science and math teachers from Philadelphia on curricular design and implementation of inquiry based laboratories
1994	Penn Summer Science Academy in Molecular Biology for high school students at University of Pennsylvania, organizer and faculty member
1992	Social Justice Curriculum Development, Ford Foundation Faculty Seminar
1991-1994	Commonwealth Partnership, Faculty member for Molecular Biology Institute for High School Teachers at Haverford College

Courses (offered in 2015-2016 in **bold**)

BIOL 107 *Biology of Infectious and Parasitic Diseases*. Lecture course, presenting basic cell biology, microbiology and immunology to non-science majors.

- BIOL 150 *Cell Biology: The Basis of Life*. Lecture and laboratory course, introducing cell structure and development, genetics and evolution, includes labs on plant genetics, bacteria and phage growth, protein evolution and fish development.
- BIOL 200 *Cell Structure and Function*. Lecture and laboratory course, focusing on chromosome structure, RNA and protein processing and transport, cytoskeleton.
- BIOL 252 *Women, Medicine and Biology*. Lecture and discussion course with community placement, examining the biological descriptions of women's bodies and behaviors, and the medical profession responses to women's health concerns.
- BIOL 248 *Disease and Discrimination*. Lecture and seminar course, examining the nature of discrimination against individuals and groups with infectious diseases, the biological basis of selected diseases and cultural representations of illness.
- BIOL 300 *Laboratory in Electron and Fluorescent Microscopy*. Laboratory course, analyzing the ultrastructure of vertebrate tissues by transmission electron microscopy and the structure of the cytoskeleton by immunofluorescence.
- BIOL 307 *The Cell in Development*. Lecture and discussion course, with writing-intensive option, analyzing developmental processes, including cell determination and differentiation, developmental genetics and morphogenesis.
- BIOL 354 *Molecular Mechanisms of Disease*. Seminar course analyzing current research articles and examining the interplay between basic research and medicine.
- BIOL 359 *Molecular and Cellular Aspects of Pattern Formation*. Seminar course in developmental genetics, analyzing current research articles on segmentation/homeotic genes in *Drosophila*.
- BIOL 403 *Senior Research Tutorial in Developmental Genetics*. Laboratory course in basic research, using microscopy and molecular techniques to study the genetic control of development in the nematode *C. elegans*.
- ENGL 101 *Freshman Writing*. Discussion and tutorial course analyzing literary works focusing on infectious diseases (leprosy, plague, influenza, AIDS).
- GNST 290 *Interdisciplinary Perspectives in Gender and Sexuality Studies*. Seminar course using contemporary feminist and queer scholarship to examine gender and sexuality as marks of social and cultural difference.
- HLTH/ICPR 115 *Introduction to Health Studies*. Multidisciplinary introduction to the minor in Health Studies examining essential concepts of health studies—mechanisms of diseases and maintenance of healthy bodies; cultural and ethical representations of health and illness; social determinants of health and societal structures that enable or limit access to health.
- HLTH/ICPR 233 *Community Engagement and Social Responsibility*. Seminar linking community engagement opportunities made available through offices and programs in the Bi-Co to theories of injustice, direct service, and social transformation. Examines how structural violence, interpersonal power dynamics, and personal agency influence individual behaviors and outcomes; how solidarity models of community service differ from charity models; how privilege and cultural biases shape how we see other communities.**
- HLTH/ICPR 281 *Violence and Public Health*. Interdisciplinary seminar analyzing the advantages and limitations of a public health perspective on violence. Examines how interpersonal, collective, and structural violence affect public health, as well as evidence that violence is preventable and amenable to public health strategies.**

- HLTH/ICPR 311 *Reproductive Health and Justice*. Seminar course examining disparities in reproductive health outcomes, access to sexual health care, and protections of reproductive rights within Nicaragua and the United States.
- HLTH 398 *Senior Seminar in Health Studies*. Required culminating seminar, which integrates the three tracks of the Health Studies minor: mechanisms of disease, prevention and treatment; cultural representations of health, illness and healing; and social factors that structure risk for disease and access to healthcare. Explores the theme for this semester's seminar, Indigenous Health and Well-being, through assigned readings, documentaries, public health datasets, government and tribal documents, and discussions with visiting speakers.
- HLTH 480 *Independent Study in Health Studies*.
- ICPR 221 *Epidemiology and Global Health*. Seminar course examining the interplay of biomedical, societal, and ethical concerns in global health. Incorporates the quantitative tools of epidemiology for analyzing the effectiveness of various public health responses.
- ICPR 244 *Quaker Social Witness*. Seminar course examining the commitment to social justice within the Religious Society of Friends (Quakers), exploring its religious foundation and highlighting both historical and current manifestations.
- ICPR 290 *Interdisciplinary Perspectives in Feminist and Gender Studies: Knowing the Body*. Lecture and discussion course, interdisciplinary inquiry into selected issues central to relations between genders and the experience of women in culture and society.
- ICPR 302 *Bodies of Injustice: Health, Illness, and Healing in Contexts of Inequality*. Seminar course following summer internships in domestic or international public health settings. Addresses the politics of how we represent and engage with others' suffering; the relationships between poverty and illness; conceptions of health and illness in different cultures; health as a human right; models for more ethically sound, compassionate and effective health care.
- ICPR 480 *Independent Study*. Senior theses and capstone projects in public health studies and in gender studies.
- ICPR 495 *Praxis in Community Health*. Transdisciplinary inquiry into public health theory and practice. Field placements with community health agencies inform analyses of the biological factors, individual behaviors, social networks, and environmental conditions influence health and well-being.
- WRPR 112 *Metamorphosis and Metaphor*. First-year writing seminar exploring literary, visual, and scientific representations of metamorphosis as a metaphor for psychological and social change.
- WRPR144 *In Harmony with Nature. Quaker Perspectives on Sustainability*. First-year writing seminar analyzing how Quakers, through their individual lives and group efforts, answer the moral challenges posed by growing economic inequalities and the continuing degradation of the earth's environment.

Publications and Presentations (student co-authors or co-presenters underlined)

- K. Edwards, A. Cvitkovic, S. King, D. Motz-Storey, R. Knowlton, 2016. **Roots of Injustice, Seeds of Change: Toward Right Relationship with America's Native Peoples**. Haverford College.
- K. Edwards, 2015. ProNica: Working in Solidarity with Nicaraguan Communities. Radnor Monthly Meeting, Radnor, PA.
- K. Edwards, 2014. Quaker roles in the history and continuing impacts of Indian Boarding Schools. Quaker Historians and Archivists Conference, Westtown School, Westtown, PA

- P. Palmer, K. Edwards, S. King, D. Motz-Storey, I. Henry, R. Knowlton, et al., 2014-2015. Roots of Injustice, Seeds of Change: Toward Right Relationship with America's Native Peoples. Workshop presented at three settings: Haverford College; Friends Association of Higher Education Annual Conference; Friends General Conference.
- K. Edwards, N. Anderson, L. Hopps, I. King, 2014. International Relation(ship)s: Building cross-cultural communities through educational delegations. Friends Association of Higher Education Annual Conference, Haverford College, Haverford, PA.
- K. Edwards, 2014. Cervical cancer prevention in Nicaragua: Can vaccines and screens be means of solidarity? Science and Justice Research Center, University of California Santa Cruz, Santa Cruz, CA.
- S. Howe, O. Chavarria, K. Edwards, 2014. Clinical evaluation: Combined visual inspection and pap for cervical cancer prevention in Nicaragua. Unite for Sight Global Health Conference, Yale University, New Haven, CT.
- K. Edwards, 2013. Cervical cancer in Nicaragua. Intervention strategies and implementation challenges. International Studies Colloquium, Williams College, Williamstown, MA.
- K. Edwards, C. Letts, J. Morgan-Trostle, A. Stillwell, J. Zelnick, 2012. Sexual assault and student activism and institutional responses. Women's Center of Montgomery County, Fort Washington, PA.
- R. McDermott-Levy, S. Miller, K. Edwards, M. Pashigian, E. Magenheim, 2011. Public health educational opportunities in a five institution public health consortium. American Public Health Association 139th Annual Meeting, Washington, D.C.
- R. McDermott-Levy, N. Anderson, P. Block, K. Edwards, 2011. Stretching Boundaries through Partnerships. The Campus-Community Coalition for Health Education, Engagement and Research. Philadelphia Higher Education Network for Neighborhood Development Quarterly Meeting, Philadelphia, PA.
- K. Edwards, T. Lloyd, J. Krippner, R. Scarrow, J. Stauffer, 2011. Global Learning Strengths and Challenges at Haverford College. AAC&U Shared Futures Summer Institute, Ellicott City, MD.
- K. Edwards, 2011. Organized and introduced plenary panel on ProNica, a Quaker social justice NGO in Nicaragua (speakers: L. Hall, T. Fogarty, M. Barolet-Fogarty), Friends Association of Higher Education Annual Meeting, Bryn Mawr College, Bryn Mawr, PA.
- K. Edwards, 2010. Concentrating on our Shared Futures. Engendering and Developing Haverford Curricula for Global Learning and Social Responsibility. Presentation to Haverford College Board Council for Women.
- K. Edwards, 2010. As Way Opens: Experiences in Faith and Practice. Presentation in conjunction with Faith and Spirituality week at Haverford College.
- K. Edwards, 2009. Book review of *Hyping Health Risks. Environmental Hazards in Daily Life and the Science of Epidemiology* and interview with author, Geoffrey Kabat HC'67, Spring issue of Haverford Magazine.
- K. Edwards, 2009. Educating the Next Generation of Quaker Leaders. Forum presentation at Lansdowne Friends Meeting, PA.
- K. Edwards, L. Bell, 2007. Assessing Student Engagement through Summer Internships, Forum on Excellence and Innovation in Higher Education, Harvard University.
- K. Edwards, 2007. Moderator for Panel "Representing Disability in Bioethical Dilemmas" with A. Asch (Wellesley College), T. Blankmeyer Burke (Gaulladuet University), S. Jesudasan (Center for Genetics and Society), Haverford College.

- K. Edwards and P. Meneely, 2006. Forensic DNA Testing on Skeletal Remains from Mass Graves. A Pilot Project in Guatemala. Summer KINSC Journal Club presentation.
- G. Kannerstein, K. Edwards, I. Arauco, 2006. Assessing Innovations for Student Learning at Haverford College. Forum on Excellence, Harvard University.
- K. Edwards et al., 2006. Panel member, Strategies for Creating Innovative International Opportunities for Student Engagement Beyond Traditional Study Abroad Programs. Best Practices in Global Citizenship, Lehigh University.
- K. Edwards et al., 2006. Panel member, Strategies for Ongoing and Sustained Curricular Innovation in the Traditional Classroom. Best Practices in Global Citizenship, Lehigh University.
- G. Kannerstein, K. Benston, K. Edwards, 2005. Innovations in the Arts and Global Citizenship at Haverford College. Forum on Excellence, Harvard University.
- K. Edwards, 2003-2006. Director's column in six issues of *Horizons*, the bi-annual newsletter of the Center for Peace and Global Citizenship.
- K. Edwards, L. Fendall, D. Mancini, 2005. On the Edge Internationally: Global Boundary-Crossing Experiences. Friends Association of Higher Education, Haverford College.
- K. Edwards, P. James, E. Esmond, K. Strunk, 2005. Tri-Co Perspectives on Civic Engagement. Civic Engagement Symposium, Bryn Mawr College.
- K. Edwards, M. Joyce, A. Conti, A. Peterson, D. Fruchtman, K. Julian, A. Suri, 2004. The Center for Peace and Global Citizenship. Annual Meeting, Corporation of Haverford College.
- K. Edwards, 2004. Social Justice at Haverford. Presentation at the National Constitution Center event for local alumni, Philadelphia.
- K. Edwards, Q. Hassan, G. Rosenberg, 2003. Integrating Global Citizenship in the Daily Life of Haverford College. Friends Association of Higher Education, Swarthmore College and Pendle Hill.
- K. Edwards, 2003. Learning in the Streets. Experiential Education at Haverford. Haverford College National Gifts Program Committee Gathering, NYC.
- J. Collett, K. Edwards, D. Wilson, 2000. Meeting the Needs of Our Minority Students: Addressing Problems of Identity with College Students of Color. Friends Association of Higher Education, Earlham College, Richmond, IN.
- S. Kane Amador and K. Edwards, 2000. Poster presentation at AAC&U Conference, "Rethinking Science Literacy in the Age of Diversity and Specialization," Charleston, SC.
- K. Edwards, 1999. The Intersection of Biology with Issues of Social Justice: How Haverford Students Learn and Serve in the Community (plenary address). Friends Association of Higher Education, Whittier College, Whittier, CA.
- K. Edwards, 1998. Reaching Out to Pre-College Science Teachers. University of Utah Bioscience Careers Symposium, Salt Lake City, UT.
- K. Edwards, 1998. Environmental Toxins and Human Health: Key Issues. Faculty panel with Steve Curwood, Rufus Jones Visitor, Haverford College
- K. Edwards, 1997. Quaker Visions in Biology: Beyond the Central Dogma. *Rufus Jones Associates Newsletter*, July, p5+
- K. Edwards, A. Walker, L. D'Alessandro, 1997. College Collaboration to Achieve Science and Math Standards in Urban Middle Schools. Education Trust Conference, Washington, D.C.
- A. Dalke and K. Edwards, 1997. Talking Between Disciplines. Third International Congress on Quaker Education, Westtown Friends School, PA.

- K. Edwards 1996. Preparing Students for College Biology. Invited talk for the Delaware Valley Biology Teachers Association, presented at Radnor High School.
- K. Edwards, 1996. Quaker Visions in Biology: Beyond the Central Dogma. Friends Association of Higher Education, George Fox University, Salem, OR.
- J. Epstein and K. Edwards, 1995. Leprosy, Plague, AIDS, and Ebola: Teaching about Social Justice through the History of Infectious Disease, Alumni Weekend, Haverford College.
- H. Van der Keyl, H. Kim, R. Espey, C. V. Oke, and M. K. Edwards, 1994. *Caenorhabditis elegans* *sqt-3* mutants have missense mutations in their *col-1* collagen gene. *Develop. Dynamics* 201: 86-94.
- M. Houseweart, N. Kaufmann and M. K. Edwards, 1993. Immuno-localization of COL-1 protein in *C. elegans* embryos. Mid-Atlantic Developmental Biology Meeting, Philadelphia.
- K. Jordan, P. Campbell, M. Cunnane and M. K. Edwards, 1993. Developmental expression of the *col-37* gene in *Caenorhabditis elegans*. Mid-Atlantic Developmental Biology Meeting, Philadelphia.
- H. van der Keyl, H. Kim, C. V. Oke, M. K. Edwards, 1993. *sqt-3* mutants have defects in their *col-1* genes. Society for Developmental Biology, Providence and Woods Hole.
- P. Campbell and M. K. Edwards, 1993. Trans-splicing of *col-37* mRNA in *C. elegans*. St. Joseph's University Undergraduate Biological Research Symposium, Philadelphia.
- D. B. Kushner and M. K. Edwards, 1993. Use of the *cat-4* mutant to study cross-linking of the cuticle of *C. elegans*. St. Joseph's University Undergraduate Biological Research Symposium, Philadelphia.
- M. K. Edwards, H. van der Keyl, J. Maloof and A. Quisel, 1991. Collagen genes flanking *myo-3* (*V*). Eighth International Meeting on *C. elegans*, Madison, WI.
- M. K. Edwards, 1991. Cell lineage analysis in *Caenorhabditis elegans* development. *Magill's Survey of Science: Life Science*, Salem Press, p. 361-367.
- M. K. Edwards, P. Busso, E. R. James, C. K. S. Carlow & M. Philipp, 1990. Antigenic and dynamic properties of the surface of *Onchochera cervicalis* microfilariae. *Tropical Med. and Parasitol.* 41: 174-180.
- C. K. S. Carlow, M. K. Edwards, E. R. James and M. Philipp, 1987. Monoclonal antibodies to parasite antigens: A rapid immunization protocol requiring small numbers of parasites. *J. Parasitol.* 73: 1054-1057.
- M. K. Edwards and W. B. Wood, 1983. Location of specific messenger RNAs in *Caenorhabditis elegans* by cytological hybridization. *Devel. Biol.* 97:375-390.
- M. K. Edwards, 1982. A cytological hybridization method for detecting specific messenger RNAs in embryos and tissues of *Caenorhabditis elegans*. Ph.D. thesis, University of Colorado.
- K. L. McDonald, M. K. Edwards and J. R. McIntosh, 1979. Cross-sectional structure of the central spindle of *Diatoma vulgare*. Evidence for specific interactions between antiparallel microtubules. *J. Cell Biol.* 83: 443-461.
- J. R. McIntosh, K. L. McDonald, M. K. Edwards and B. M. Ross, 1979. Three-dimensional structure of the central mitotic spindle of *Diatoma vulgare*. *J. Cell Biol.* 83:428-442.
- A. P. Mahowald, J. H. Caulton, M. K. Edwards and D. A. Floyd, 1979. Loss of centrioles and polyplidization in follicle cells of *Drosophila melanogaster*. *Exp. Cell Res.* 118: 404-410.