

Curriculum Vitae

Mark William Braun

Medical Sciences Program
Room 004, Jordan Hall
Indiana University
Bloomington, IN 47405
(812) 855-3131 (office)
(812) 855-4436 (FAX)

Electronic Mail Address: braunm@indiana.edu
WWW Home Page: <http://www.indiana.edu/~medsci>

EDUCATION:

B.S. Biology (Honors)
Purdue University, 1970

M.D. Indiana University, 1975

Pathology Residency: Ball Memorial Hospital
Muncie, Indiana, 1975-1978

M.A. Bioanthropology
Indiana, University, 1997

PROFESSIONAL SOCIETIES:

Fellow of College of American Pathologists
Member of American Society of Clinical Pathologists
Member of Indiana State Medical Association
Member of Indiana Association of Pathologists
American Association of Anthropology
Ethnohistory Society

BOARD CERTIFICATION:

American Board of Pathology: Board Certification in Anatomic and
Clinical Pathology

LICENSURE: Medical License, State of Indiana, 1975 to present

HOSPITAL APPOINTMENTS:

Bloomington Hospital, Bloomington, Indiana

ACADEMIC APPOINTMENTS:

Clinical Professor of Pathology, Indiana University School of Medicine

UNIVERSITY COMMITTEES

Academic Standards, Indiana University School of Medicine
Numerous IU Medical School Committees, IUPUI
Medical Education Curriculum Committee, Medical Sciences, Bloomington
Biosafety, IUB

COMMUNITY SERVICE:

Past Member of Monroe County United Ministries
Past Member and Co-Chairman of AIDS Advisory Committee to Monroe County Community School Corporation
Past Board Member of South Central Community Health Center

HONORS:

Recipient of Outstanding Instructor in Basic Sciences, Indiana University School of Medicine, Bloomington, Indiana, 1983, 1994, 1997, 1998, 1999, 2000, 2002, 2003, 2004, 2005, 2006, 2007, 2008 and 2009.

Recipient of Indiana University Trustees' Teaching Award, 2008.

Recipient, Outstanding Teacher Award, Indiana University School of Optometry, 2008

Recipient of American Medical Association, Innovative Teaching Award, 1999

Elected to FACET, 2000

PRESENT TEACHING:

Course Director, Pathology C601-C602, Indiana University School of Medicine, Indiana University, Bloomington

Course Director, Mechanisms of Human Disease; The Plight of Native Americans and European Conquest, M470/M570, Indiana University, Bloomington

Co-course director and instructor, M620, Pedagogical Methods in the health Sciences, Indiana University, Bloomington.

Instructor and Co-director, Pathology V543, School of Optometry, Indiana University, Bloomington.

SPECIAL INTEREST IN EDUCATION:

I am very interested in the application of computer technology to lecture and laboratory teaching. I have developed a World Wide Web site to augment the laboratory assignments in the two semester pathology course taken by all second year medical students at the Bloomington Medical Sciences Program. The web site consists of photomicrographs of practically every slide in the pathology study set. All photographs have been enhanced with on screen details and are accompanied by a brief description. Recently I have added a number of interactive case-based clinical exercises to the this site. The cases include movies of patient interviews and require the student work through a patient evaluation and eventually diagnose the underlying problem. The importance of this site is that it not only represents photographs of basic pathological processes, but the pictures and clinical scenarios are from the very cases the students are required to study. The website also allows me to access

photographs and movies during lecture or laboratory demonstrations, thereby incorporating examples of disease processes directly from the student's own study materials. The web site address is: <http://www.indiana.edu/~c602>

LANGUAGE AND SPECIAL SKILLS:

Reading Competence: French and German
HTML Programming Experience
Birch bark canoe and kayak builder

RESEARCH INTERESTS:

Impact of infectious diseases introduced by Europeans and Africans into Native American populations during the early period of colonization of the New World.

Effects of tuberculosis in the Native American community, past and present.

The influence of disease on artistic motifs and shamanic imagery of Native Americans, as well as Native American concepts of illness and health.

PUBLICATIONS:

1. Braun, M.W., and Kearns, K.D. "Improved Learning "Efficiency and Increased Student Collaboration Through Use of Virtual Microscopy in the Teaching of Human Pathology," *Anatomical Sciences Education*. 1:240-246, 2008.
2. Nutrition Related Care (Online peer reviewed tutorial, published 2007)
<http://www.healcentral.org/healapp/showMetadata?metadataId=40747>
3. CBC Interpretation (Online peer reviewed tutorial, published 2006.)
<http://www.healcentral.org/healapp/searchResults?publicationId=265&page=1>
4. Understanding Leukemias (Online peer reviewed tutorial, published 2006.)
<http://www.healcentral.org/healapp/searchResults?publicationId=272&page=1>
5. Understanding Coagulation Disorders (Online peer reviewed tutorial, published 2006.)
<http://www.healcentral.org/healapp/searchResults?publicationId=271&page=1>
6. Interpretation of the Urinalysis (Online peer reviewed tutorial, published 2006.)
<http://www.healcentral.org/healapp/searchResults?publicationId=266&page=1>
7. Braun, M.W., Cook, D.C., and Pfeiffer, S. "DNA From Mycobacterium tuberculosis Complex Identified in North American, Pre-Columbian Human Skeletal Remains." *Journal of Archeological Science*, 25, 271-277 (1998)
8. Braun, Mark W., and Triplett, D.A. "Sideroblastic Anemia, A Case Study and Literature Review," *American Society of Clinical Pathology Check Sample Program: HP-90*
9. Braun, M.W., and Triplett, D.A. "Congenital Factor VII Deficiency in an Obstetrical Patient: A Case Report," *Journal of the Indiana State Medical Association*, Dec. 1979.
10. Braun, M.W., and Triplett, D.A. "Sideroblastic Anemia: Evaluation and Prognosis," *Journal of the Indiana State Medical Association*, Vol. 73, pp. 160-165, 1980.