

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.

Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Heard, John T., Jr.	POSITION TITLE VP for Research, Grants, and Info. Systems, ATSU		
eRA COMMONS USER NAME JHEARD			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Lamar College of Technology, Beaumont, TX	B.S.	1964	Chemistry/Math
Sam Houston State College, Huntsville, TX	M.S.	1966	Biochemistry
Pontificia Universita Gregorinana, Rome, Italy	S.T.B.	1972	Theology
Pontificia Universita Lateranensis, Rome, Italy	J.C.B.	1973	Canon Law
University of Texas, Graduate School of Biomedical Sciences, Houston, TX	Ph.D.	1978	Biomedical Sciences

A. Positions and Honors.

- 1964-1966 Teaching Assistant, Department of Chemistry, Sam Houston State College, Huntsville, TX
- 1966-1967 Teaching Assistant, Department of Chemistry, Florida State University, Tallahassee, FL
- 1973-1978 Lecturer, "Molecular Genetics and Physical Biochemistry," University of Texas, Houston, TX
- 1980 Lecturer, Division of Science, Truman State University, Kirksville, MO
- 1978-Present Kirksville College of Osteopathic Medicine (KCOM), Kirksville, MO. Established the A.T. Still University of Health Sciences (ATSU) in 2003 which is the parent institution and administrative roles are now under ATSU.
- 1978-1985 Research Associate, Department of Microbiology and Immunology
- 1985-1990 Coordinator, Computer Services
- 1985-Present Assistant Professor, Department of Family/Community Health, KCOM
- 1992 Curriculum Specialist, Predoctoral Training in Family Medicine Grant, KCOM/DHHS, D15PE87016-07-09
- 1992-1995 Computer Specialist, Predoctoral Training in Family Medicine Grant, KCOM/DHHS, 3D15PE87016-08S1
- 1990-1995 Director, Institutional Research, Grants, and Computing Services
- 1993-1996 Evaluation/Computer Specialist, Program Evaluation Committee, Establishment of a Department of Family Medicine Grant, KCOM/DHHS, D32PE10055-01-03
- 1995-1997 Director, Department of Institutional Research and Data Analysis
- 1998-1999 Assistant Vice President, Division of Institutional Research and Grants
- 1999-Present Vice President, Division of Research, Grants, and Information Systems
- Establish priorities for direction of grants programs for education, service, and research activities for the osteopathic medical school and for the health professions programs at the Arizona School of Health Sciences (ASHS)
 - Oversee the management of approximately 90 grant programs annually at KCOM and ASHS
 - Establish and support the education and administrative uses for information systems at KCOM and ASHS
 - Responsible for budgeting and financial management of four offices within the division (\$2 million annual budget)
 - Establish and develop a clinical research program for the KCOM, ASHS, and the new College of Medicine-Mesa
- 1997-Present Member, Northeast Missouri Health Council (NMHC), Kirksville, MO (local Board for PHS Section 330 Community Health Centers) President of Board: 2004-Present.
- 2000-2003 Member, Advisory Board, ElderLynk (Rural Health Outreach Grant Program), KCOM/DHHS, 1D04RH00242-01-03
- 2000-Present Member, Advisory Board, Missouri Rural Community Center of Excellence, NMHC/DHHS, US2MPOWH01-01-0
- 2005 Chair, Council of Researchers (COR), American Association of Colleges of Osteopathic Medicine

B. Selected peer-reviewed publications (in chronological order).

- Heard, John T., Jr.**, M. Butler, J. Baptist, and T. Matney, "Chromosomal Location of Mutants Affecting the Electrophoretic Mobility of Malate Dehydrogenase in Escherichia Coli K-12," J. Bacteriol. 122, 329-331 (1975).
- Heard, John T., Jr.** and T. Matney, "Requirement of a Partially Diploid Donor for the Chemical Induction of Mutations in Transforming DNA," Mutation Research, 69, 217-224 (1980).
- Heard, John T., Jr.**, B. Steiner, and G. Tritz, "Modification of Aspartate Prior to Its Condensation with Dihydroxyacetone Phosphate in the Formation of Quinolinic Acid by Escherichia Coli," Journal of Bacteriology, 146, 989-992 (1980).
- Heard, John T., Jr.** and G. J. Tritz, "Identification of an Intermediate in the De Novo Formation of Nicotinamide Adenine Dinucleotide in Escherichia Coli," Biochem. Biophys. Res. Comm., 95, 1517-1521 (1980).
- Heard, John T., Jr.** and T.S. Matney, "A Synergistic Increase in Bacillus subtilis 168 Transformation Produced by the Presence of Heterologous W23 DNA," Microbios, 31, 31-38 (1981).
- Heard, John T., Jr.** and Gerald J. Tritz, "Isolation of a Catabolic Product of 2-Butyryl-CoA Which Acts as a Precursor of Nicotinamide Adenine Dinucleotide," Current Microbiology, 5, 279-282 (1981).
- Heard, John T., Jr.** and Gerald J. Tritz, "Separation of Biological Pyridines by High Pressure Liquid Chromatography," J. Liquid Chromatography, 4, 325-335 (1981).
- Heard, John T., Jr.** and Gerald J. Tritz, "Computer Linkage in a Rural Medical School: Initial Training of Medical Students in Computer Usage," The Journal of Computers in Mathematics and Science Teaching, 1, 17-21 (1982).
- Heard, John T., Jr.** and Gerald J. Tritz, "The In Vivo Effects of Isoniazid on the Pyridine Nucleotide Cycle of Escherichia Coli," Microbios, 35, 169-178 (1982).
- Heard, John T., Jr.**, "High Performance Chromatographic Separation of the Components of the Pyridine Nucleotide Cycle," Analytical Biochem, 130, 185-188 (1983).
- Heard, John T., Jr.** and Barbara K. Heard, "Video Based Instruction as an Enhancement to Computer Learning," Computers in Life Science Education, 2(6), 43-45 (1985).

C. Research Support.

ONGOING

Heard (PI) 07/01/05-06/30/08
Missouri Foundation for Health *Responsibilities:* Project Director
Improving Access to Care: A Regional Telehealth Project for Northeast Missouri.
Goal: To improve access to high quality primary, specialty, and mental health care for the underserved of rural northeast Missouri via telehealth technology.

COMPLETED

Heard (PI) 09/01/84-08/31/85
American Osteopathic Association Research Grant *Responsibilities:* Principal Investigator
Pyridine Nucleotide Metabolism and Aging Paramecium Tetraurelia.

Heard (PI) 05/01/86-08/31/87
American Osteopathic Association Research Grant *Responsibilities:* Principal Investigator
Pyridine Nucleotide Metabolism and Aging Paramecium Tetraurelia.

Heard (PI) 04/13/87-04/12/89
KCOM Warner Fund *Responsibilities:* Principal Investigator
UNIX Acceptable Software Development for the National Osteopathic Medical Network.

Heard (PI) 02/14/92-05/01/92
Kirksville Osteopathic Alumni Association *Responsibilities:* Project Director
Scholarships for Rural Elderly Research and Education Conference.

Heard (PI) 07/17/93-12/31/95
National Science Foundation *Responsibilities:* Project Director
MORENet Expansion Phase Four.

Heard (PI) 09/30/95-09/29/97
National Library of Medicine *Responsibilities:* Project Director
Facilitating Internet Connections for a Consortium of Medical Institutions in Rural Underserved Northeastern Missouri.

Heard (PI) 09/01/01-08/31/02
DHHS, Health Resources and Services Administration *Responsibilities:* Project Director
CareLink: A Model Rural Community-Based Integrated Health Care Delivery System for the Uninsured and Underinsured in Northeastern Missouri.
Goal: To develop a seamless self-sufficient rural community-based integrated health care access and delivery system that serves as a comprehensive safety net for the uninsured and underinsured in northeastern Missouri.

Heard (PI) 09/01/02-08/31/03
DHHS, Health Resources and Services Administration *Responsibilities:* Project Director
CareLink: A Model Rural Community-Based Integrated Health Care Delivery System for the Uninsured and Underinsured in Northeastern Missouri.
Goal: To develop a seamless self-sufficient rural community-based integrated health care access and delivery system that serves as a comprehensive safety net for the uninsured and underinsured in northeastern Missouri.

Heard (PI) 09/01/03-08/31/04
DHHS, Health Resources and Services Administration *Responsibilities:* Project Director
CareLink: A Model Rural Community-Based Integrated Health Care Delivery System for the Uninsured and Underinsured in Northeastern Missouri.
Goal: To develop a seamless self-sufficient rural community-based integrated health care access and delivery system that serves as a comprehensive safety net for the uninsured and underinsured in northeastern Missouri.

D. Other Relevant Information.

Selected Published Abstracts and Professional Presentations (in chronological order)

- Heard, John T., Jr.**, M. Butler, J. Baptist, and T. Matney, (abstract) "Chromosomal Location of Mutations Affecting the Electrophoretic Mobility of Malate Dehydrogenase in *E. coli* K-12," Proceedings of the Annual Meeting of the Texas Branch of the American Society of Microbiology, (1974).
- Steiner, Bret, **John T. Heard, Jr.**, and G. J. Tritz, (abstract) "Preliminary Evidence for the In Vitro Synthesis of Quinolinic Acid Intermediates," Proceedings of the Annual Meeting of the Missouri Branch of the American Society of Microbiology, (1978).
- Heard, John T., Jr.** and G. J. Tritz, (abstract) "A Modified Aspartic Acid Precursor of Quinolinic Acid," Proceedings of Annual Meeting of the Missouri Branch of the American Society for Microbiology, (1978).
- Heard, John T., Jr.**, (abstract) "Genetic Anomalies of In Vitro Mutagenesis in Strains of *Bacillus Subtilis*," JAOA, 78, 837 (1979).
- Heard, John T., Jr.**, Bret Steiner, and G.J. Tritz, (abstract) "Intermediates in the Biosynthesis of Quinolinic Acid by *Escherichia Coli*," Proceedings of the XI International Congress of Biochemistry, (1979).
- Steiner, Bret, **John T. Heard, Jr.**, and G. J. Tritz, (abstract) "Sequence of Enzymatic Steps in the Biosynthesis of NAD by *Escherichia Coli*," JAOA, 78, 900 (1979).
- Heard, John T., Jr.** and G. J. Tritz, (abstract) "An Intermediate in the Biosynthesis of Quinolinic Acid by *Escherichia Coli*," JAOA, 80, 221 (1980).
- Heard, John T., Jr.** and G. J. Tritz, (abstract) "Alteration of Aspartic Acid in the Biosynthesis of Quinolinic Acid by *E. Coli*," Proceedings of the Missouri Academy of Science, (1980).
- Heard, John T., Jr.** and G. J. Tritz, (abstract) "Evidence for a Second Intermediate in the De Novo Biosynthesis of Nicotinamide Adenine Dinucleotide in *Escherichia Coli*," JAOA, 80, 779 (1981).
- Heard, John T., Jr.** and G. J. Tritz, (abstract) "Effect of Isoniazid Treatment Upon the Bacterial Pyridine Nucleotide Cycle," The Pharmacologist, 23, 160 (1981).
- Heard, John T., Jr.** and G. J. Tritz, (abstract) "Cellocidin is a Structural Analog of an Early Intermediate in the NAD Biosynthetic Pathway of *Escherichia Coli*," Abstract at the 81st Annual Meeting of the American Society for Microbiology, 156 (1981).

Tritz, G. J. and **John T. Heard, Jr.**, (abstract) "Cellocidin as a Probe in NAD Biosynthesis," JAOA, 80, 780-781 (1981).

Heard, John T., Jr., (abstract) "A Model System for Computer Aided Instruction," JAOA, 84, 209 (1982).

Kuchera, M.L., E. Blackorby, and **J. T. Heard**, (abstract) "Redesign and Construction of a Device for Objective Measurement of Segmental Autonomic Changes in Man," JAOA, 90(9), 844, 1990.

Kuchera, M.L., B.F. Degenhardt, **J. Heard**, E. Blackorby, and J. McAdoo, (abstract), "Objective Measurement of Segmental Autonomic Change," JAOA, 94(9): 754, 1994.

PROFESSIONAL EXPERIENCE WITHIN FEDERALLY FUNDED GRANTS AT KCOM

Curriculum specialist, Predoctoral Training in Family Medicine Grant D15PE87016-07-09, 07/92-06/95.

Computer specialist, Predoctoral Training in Family Medicine Grant 3D15PE87016-08S1, 07/93-06/94.

Program Evaluation Committee, evaluation/computer specialist, Establishment of a Department of Family Medicine Grant D32PE10055-01-03, 09/93-08/96.

Member of the Northeast Missouri Health Council. A community health centers program funded through the Department of Health and Human Services, Health Resources & Services Administration, 6H27 CS 02081-19 S1 R1, 12/81-03/02.

Member of the ElderLynk Advisory Board. A rural health outreach grant program funded through the Department of Health and Human Services, Health Resources & Services Administration, 1 D04 RH 00242-01-03, 05/00-04/03.

Member of the Missouri Rural-Community Center of Excellence (MOR-CCOE) Advisory Board. A premier rural community-based center funded through the Department of Health and Human Services, Health Resources & Services Administration, US 2 MPOWH 01-01-0. Awarded to the Northeast Missouri Health Council.

Project Director, Department of Health and Human Services, Health Resources and Services Administration, "Community Access Program," 09/01/01-present.

REVIEWER FOR FEDERALLY FUNDED GRANTS

Department of Health and Human Services, Health Resources & Services Administration Community Access Program (CFDA No. 93.252), 2000.

Department of Health and Human Services, Bureau of Primary Health Care, May, 2003.

Department of Health and Human Services, Bureau of Primary Health Care, June, 2003.

Department of Health and Human Services, Bureau of Primary Health Care, February, 2004.

Department of Health and Human Services, Bureau of Primary Health Care, May, 2004.

Department of Health and Human Services, Bureau of Primary Health Care, June, 2004.

Department of Health and Human Services, Bureau of Primary Health Care, March, 2005.

Department of Health and Human Services, Bureau of Primary Health Care, March, 2006.

PROFESSIONAL AFFILIATIONS

Sigma Xi

American Association for the Advancement of Science

National Council of University Research Administrators

The Association for Institutional Research

American Statistical Association

American Educational Research Association

Association of Health Services Research

American Association for Higher Education

United States Distance Learning Association

New York Academy of Sciences

Council on Graduate Medical Education (Participant since 1992)