

Stuart J. Nelson, MD, FACP, FACMI

HOME:

9614 Verveille Drive

Vienna, VA 22182

Phone: 703-757-7289

E-mail: stuart.james.nelson@gmail.com

CITIZENSHIP: United States

EDUCATION:

A.B., Mathematics

University of California at Berkeley

Berkeley, California

M.D.,

State University of New York,

Downstate Medical Center

Brooklyn, New York

PGY-1, Internal Medicine

Philadelphia General Hospital

(University of Pennsylvania)

Philadelphia, Pennsylvania

PGY-2 and PGY-3, Internal Medicine

Metropolitan Hospital

(New York Medical College)

New York, New York

CERTIFICATION:

Diplomate, National Board of Medical Examiners

Diplomate, American Board of Internal Medicine

CURRENT POSITIONS:

Independent Consultant

Visiting Professor, University of New Mexico Health Sciences Library and Informatics Center and the UNM Department of Internal Medicine

FORMER POSITIONS:

Adjunct Professor, Department of Health Administration and Policy

George Mason University

Chief Innovation Officer, 2013-2014

Apelon, Inc.

Head, Medical Subject Headings, 1996-2012

National Library of Medicine

National Institutes of Health

Associate Professor of Medicine, 1991-1996

Medical College of Georgia

Clinical Associate Professor of Medicine, 1987-1991

Clinical Associate Professor of Preventive Medicine

State University of New York at Stony Brook

Assistant Professor of Clinical Medicine, 1982-1987
Assistant Professor of Preventive Medicine
State University of New York at Stony Brook

Instructor of Medicine, 1978-1982
State University of New York at Stony Brook

OTHER APPOINTMENTS:

Associate Head, Division of General Internal Medicine
State University of New York at Stony Brook

Director, Fellowship in General Internal Medicine
State University of New York at Stony Brook

Clinical Advisor, Residency Training Program in Preventive Medicine
State University of New York at Stony Brook

Visiting Faculty, Section of Medical Information Resources
Mayo Clinic, Rochester, Minnesota

Vice-Presidential Lecture Series:
Information and Medicine - A Bloisian View of Medical Informatics.
University of New Mexico Health Sciences Center; Albuquerque, NM

HONORS:

NLM Board of Regents Award for Scholarship or Technical Achievement (RxNorm), 2004
NIH Merit Award, 2011

JOURNAL AFFILIATIONS:

Reviewer
American Journal of Medical Sciences
Journal of General Internal Medicine
Journal of the American Medical Informatics Association
Annals of Internal Medicine
Journal of Biomedical Informatics

MEMBERSHIPS AND PARTICIPATION:

American College of Physicians, Fellow
Medical Informatics Subcommittee, 1993-1998
Governor's Council, Georgia Chapter, 1993-1996
American Medical Informatics Association
American College of Medical Informatics, Fellow
Medical Library Association

ABSTRACTS AND POSTERS:

Serman AB and Nelson S: Demyelinating Neuropathy Accompanying Lyme Disease. No. 110 (Poster Presentation), American Academy of Neurology, Washington, D. C., April 29, 1982.

Abarbanel R, MS Tuttle, DD Sherertz, N Olson, L Fuller, SJ Nelson. Reaching out from Meta-1: Linking to Mendelian Inheritance in Man. AMIA First Annual Education and Research Conference, Snowbird, Utah, June 20-23, 1990.

Tuttle MS, DD Sherertz, N Olson, MS Erlbaum, SJ Nelson, R Abarbanel. Browsing PDQ, MIM, and CDD from Meta-1. AMIA First Annual Educational and Research Conference, Snowbird, Utah, June 20-23, 1990.

Nelson SJ, DD Sherertz, MS Tuttle, R Abarbanel, N Olson, MS Erlbaum. Visual Cues in a Hypercard browser: Experience with the Physician's Information Assistant. AMIA Second Annual Educational and Research

Conference. San Francisco, California, June 5-8, 1991, p. 62.

Tuttle M, Hole W, Nelson S, Irons R, Sherertz D, Olson N, Munist O, Sperzel D, Erlbaum M, Fuller L. Distributed Metathesaurus Enhancement: How might it work? AMIA 1992 Spring Congress. Portland, Oregon, May 6-9, 1992, p. 52.

Dennison L, Nelson SJ, Owen B, Reid CB. Discovering Our Evolution: The Changing Role of the Reference Librarian. SCMLA Conference. Columbia, South Carolina, October 3-6, 1992.

Nelson SJ, Olson NE, Browne AC, Cole WG, Sherertz DD, Tuttle MS. Identifying Medical Concepts in Text: Use of a Very Long Barrier Word List. AMIA 1994 Spring Congress. San Francisco, California, May 4-7, 1994.

Lipow SS, Campbell KE, Olson NE, Tuttle MS, Erlbaum MS, Fuller LF, Sherertz DD, Nelson SJ, Cole WG. Formal Properties of the Metathesaurus: An Update. Nineteenth Annual Symposium on Computer Applications in Medical Care. New Orleans, Louisiana. October 28-November 1, 1995. Published in : *J Am Med Informatics Assoc* (Symposium Suppl) 944, 1995.

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Olson NE, Sherertz DD, Erlbaum MS, Lipow SS, Suarez-Munist ON, Fuller LF, Campbell KE, Tuttle MS, Nelson SJ, Cole WG. Explaining Your Terminology to a Computer. Nineteenth Annual Symposium on Computer Applications in Medical Care. New Orleans, Louisiana. October 28-November 1, 1995. Published in : *J Am Med Informatics Assoc* (Symposium Suppl) 957, 1995.

Suarez-Munist ON, Hole WT, Irons RJ, Erlbaum MS, Olson NE, Lipow SS, Fuller LF, Tuttle MS, Sherertz DD, Ganju AK, Nelson SJ, Cole WG. MEME II: An Environment for Managing Meaning. Nineteenth Annual Symposium on Computer Applications in Medical Care. New Orleans, Louisiana. October 28-November 1, 1995. Published in: *J Am Med Informatics Assoc* (Symposium Suppl) 958, 1995.

Lipow SS, Fuller LF, Keck KD, Olson NE, Erlbaum MS, Tuttle MS, Sherertz DD, Nelson SJ. Suggesting Structural Enhancements to SNOMED. Published in: *J Am Med Informatics Assoc* (Symposium Suppl) 901, 1996.

Olson NE, Erlbaum MS, Tuttle MS, Sherertz DD, Suarez-Munist ON, Lipow SS, Cole WG, Nelson SJ. Exploiting the Metathesaurus Update Model. Published in: *J Am Med Informatics Assoc* (Symposium Suppl) 902, 1996.

Johnston D, Nelson SJ, Schulman JA, Savage AG, Powell TP. Redefining a Thesaurus: Term-Centric No More. Published in: *J Am Med Informatics Assoc* (Symposium Suppl) 1025, 1998.

Nelson SJ, Kuhn T, Radzinski D, Sherertz DD, Tuttle MS, Spena R. Creating a Thesaurus from Text: A "Bottom-Up" Approach to Organizing Medical Knowledge. Published in: *J Am Med Informatics Assoc* (Symposium Suppl) 1046, 1998.

Wu CH, Srinivasan S, Nelson SJ. An Experience in Merging Thesauri: Using Terms from Other Thesauri to Enhance MeSH. Published in: *J Am Med Informatics Assoc* (Symposium Suppl) 1101, 1998.

Janusch-Roi A, Bottrill K, Grune B, Nelson SJ, Balls M. Creating a Thesaurus of Alternative Methods to Animal Experiments. Published in: *Alternatives to Laboratory Animals*, (Special Issue) 27:418, 1999.

Chang HF, Nelson SJ. Presenting MeSH Data over the Web. Published in: *J Am Med Informatics Assoc* (Symposium Suppl) 1037, 1999.

Nelson SJ, Aronson AR, Doszkocs TE, Wilbur WJ, Bodenreider O, Chang HF, Mork J, McCray AT. Automated Assignment of Medical Subject Headings Published in: *J Am Med Informatics Assoc* (Symposium Suppl) 1127, 1999.

Sorden NN, Chang HF, Nelson SJ. Automated Indexing of Gene Symbols. *J Am Med Informatics Assoc* (Symposium Suppl) 1165, 1999.

Nelson, Stuart J.; Schopen, Michael; Schulman, Jacque-Lynne; Arluk, Natalie. An Interlingual Database of MeSH Translations. In: 8th International Conference on Medical Librarianship; 2000 Jul 4; London, UK

Chang HF, Nelson SJ. An Interoperable Disease Description Database. *J Am Med Informatics Assoc* (Symposium Suppl) 979, 2000.

Carter JS, Brown SH, Nelson SJ, Lincoln MJ, Tuttle MS. The Creation and Use of a Reference Terminology for Inter-Agency Computer-based Patient Records: The GCPR RTM Demonstration Project. *J Am Med Informatics Assoc* (Symposium Suppl) 809, 2001.

Nelson SJ, Johnston D, Powell T, Hole WT. Making the Marriage: Reconciling Views of Concepts and Meaning in MeSH and the UMLS Metathesaurus. *J Am Med Informatics Assoc* (Symposium Suppl) 985, 2001.

Nelson SJ, Schulman JL. Improving Medline Coverage of Alternatives to Animal Use. In: *Proceedings of the Fourth World Congress on Animal Alternatives*. New Orleans, LA. 2002.

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LETTERS, REVIEWS, CHAPTERS, TECHNICAL REPORTS, OTHER UNREVIEWED PUBLICATIONS:

Berger SA, Mayer I, Nelson S. Tuberculous Epidural Abscess Without Osteomyelitis. *Arch Neurol* 35:397, 1978.

Nelson S, Chen C. Abnormal Liver Function After a Trip to Mexico. *Hosp Prac* 17(8):122J-122K, 1982.

Nelson S, Hoffman E. A Slow-Thinking Hyponatremic Woman. *Hosp Prac* 17(9):112D-112J, 1982

Nelson S. The Art of Diagnosis (letter). *N Eng J Med* 307:957-8, 1982.

Nelson S. Artificial Intelligence in Medicine, Peter Szolovits (ed) (review). *Quart Rev Biol* 58:299-300, 1983.

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Sterman AB, Nelson S, Barclay P. Demyelinating Neuropathy Accompanying Lyme Disease. *Neurology* 32:1302-5, 1982.

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Messina MS, Sampson MG, Chumas J, Nelson S. Carney's Triad: Role of Transthoracic Needle Biopsy. *Am Rev Resp Dis* 128:311-3, 1983.

Nelson S, Hoffman S, Kanekal H, Varma AO. Making the Most of RECONSIDER: An Evaluation of Input Strategies. In: Dayhoff RE, ed. *Proc of the Seventh Annual Symposium on Computer Applications in Medical Care*. New York: IEEE, 1983:852-5.

Nelson S. Education and Research in Medical Information Science: A Clinician's View. *Medical Informatics* 9:265-6, 1984.

Nelson SJ. (CPC discussant) A 40-year-old man with Chills, Fever, Weight Loss, and Productive Cough. *N Y State J Med* 85:694-701, 1985.

Nelson SJ, Blois MS, Tuttle MS, Erlbaum M, Harrison P, Kim H, Winkelmann B, Yamashita D. Evaluating RECONSIDER: a Computer Program for Diagnostic Prompting. *J Med Sys* 9:379-88, 1985.

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Nelson SJ, Sherertz DD, Tuttle MS, Erlbaum MS. Using MetaCard: a Hypercard Browser of Biomedical Knowledge Sources. In: Miller RA, ed. *Proceedings of the Fourteenth Annual Symposium on Computer Applications to Medical Care*. New York: IEEE Computer Society, 1990:151-4.

Sherertz DD, Tuttle MS, Olson NE, Erlbaum MS, Sperzel WD, Fuller LF, Nelson S. m-Cd: a Hypercard Interface to Meta-1 on a CD-ROM. In: Miller RA, ed. *Proceedings of the Fourteenth Annual Symposium on Computer Applications to Medical Care*. New York: IEEE Computer Society, 1990:1052-3.

Nelson SJ, Sherertz DD, Tuttle MS, Erlbaum MS, Smith LG. Browsing MIM, PDQ, CDD, and MEDLINE using MetaCard. In: Miller RA, ed. *Proceedings of the Fourteenth Annual Symposium on Computer Applications to Medical Care*. New York: IEEE Computer Society, 1990:1054-5.

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Nelson SJ, Tuttle MS, Cole WG, Sherertz DD, Sperzel WD, Erlbaum MS, Fuller LF, Olson NE. From Meaning to Term: Semantic Locality in the UMLS Metathesaurus. In: Clayton PD, ed. *Proceedings of the Fifteenth Annual Symposium on Computer Applications to Medical Care*. New York: McGraw Hill, 1991:209-13.

Nelson SJ, Sherertz DD, Tuttle MS, Abarbanel R, Olson N, Erlbaum MS, Sperzel WD. The Physician's Information Assistant. In: Clayton PD, ed. *Proceedings of the Fifteenth Annual Symposium on Computer Applications to Medical Care*. New York: McGraw Hill, 1991:950-2.

Sperzel WD, Abarbanel RM, Nelson SJ, Erlbaum MS, Sherertz DD, Tuttle MS, Olson NE, Fuller LF. Biomedical Database Inter-connectivity: an Experiment Linking MIM, Genbank, and Meta-1 via MEDLINE. In: Clayton PD, ed. *Proceedings of the Fifteenth Annual Symposium on Computer Applications to Medical Care*. New York: McGraw Hill, 1991:190-3.

Nelson SJ, Sherertz DD, Tuttle MS. Issues in the Development of an Information Retrieval System: the Physician's Information Assistant. In: Lun KC, ed. *MEDINFO '92, Proceedings of the Seventh World Congress on Medical Informatics*. North-Holland: Elsevier Science Publishers, 1992:371-5.

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Sherertz DD, Nelson SJ, Tuttle MS. The Physician's Information Assistant: a Graphical Browser for Biomedical Information Sources. In: Lun KC, ed. *MEDINFO '92, Proceedings of the Seventh World Congress on Medical Informatics*. North-Holland: Elsevier Science Publishers, 1992:1613.

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Tuttle MS, Sperzel WD, Olson NE, Erlbaum MS, Suarez-Munist O, Sherertz DD, Fuller LF, Nelson SJ. The Evolution of the Metathesaurus Schema: One Scenario. In: Frisse M, ed. *Proceedings of the Sixteenth Annual Symposium on Computer Applications to Medical Care*. New York: McGraw Hill, 1992:299-303.

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Sherertz DD, Fagan LM, Tuttle MS, Carlson RW, Schipma PB, Cole WG, Nelson SJ. A Speech-Driven, Patient-Centered Access to Three Oncology Knowledge Sources: How Might It Work? In: Safran C, ed. *Proceedings of the Seventeenth Annual Symposium on Computer Applications to Medical Care*. New York: McGraw Hill, 1993:966.

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