VITA
OF
GEORGE J. SPILICH, Ph.D.

John S. Toll Professor
Psychology Department
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Education:

University of Wisconsin-Madison; B.A., Psychology, 1974.
University of Texas-El Paso; M.A.; Experimental Psychology, 1978.
University of Pittsburgh; Ph.D., Cognitive & Developmental Psychology, 1980.

Professional Experience:

Professor of Psychology, 1991-present
Visiting Research Associate Professor of Neurology, Departments of Neurology & Nuclear Medicine, University of Zagreb, Zagreb, Croatia 1988-1989.
Associate Professor, 1985-1991.
Chair, Psychology Department, Washington College, 1983-2003; Acting Chair, 80-81.
Assistant Professor of Psychology, Washington College, 1979-84.
Licensed Psychologist in the state of Maryland.

Professional Societies:

American Association for the Advancement of Science
American Psychological Society
Cognitive Neuroscience Society
Eastern Psychological Association
Psi Chi
Sigma Xi

Professional Activities, Offices in Professional Societies, Honors, etc.:

- Named the John S. Toll Professor of Science, Fall 2000
- Appointed to Mid-Shore Council for Mental Health, 1999-2002
- Councilor, Psychology, Council for Undergraduate Research, 1997-2000 & 2000-2003.
- Appointed Webmaster, Eastern Psychological Association, 1999-2004.
- Elected to Board of Directors, Eastern Psychological Association, 1995-1998; 2005-2008.
- Program Committee; Eastern Psychological Association: 1991-94; Chair, 92-93.
- Lindback Award for Outstanding Teacher at Washington College, 1990.
- Fulbright Research Scholar, Departments of Neurology & Nuclear Medicine, University of Zagreb Hospitals: Application of nuclear and electroencephalographic imaging techniques to cognitive psychology, 1988-1989
- Wye Institute Fellow, summer of 1986.

Editorial Responsibilities:

- Editorial Board, Neurologia Croatia, the journal of the Croatian Neurological

Association, 1995-present.
- I am an NSF reviewer for the domains of aging, memory, and expertise or skill acquisition and have reviewed proposals on nicotine/smoking and cognitive performance for NIH and for the Swiss government.
- I am an occasional reviewer for the following professional journals: Addiction; Alcohol & Alcoholism; Computers & Education; Journal of Experimental Psychology: Learning, Memory, and Cognition; Canadian Journal of Psychology; Developmental Psychology; Experimental Aging Research; Nicotine & Tobacco Research; Psychology and Aging; Journal of Applied Psychology.
- I review text proposals in statistics, cognition and cognitive neuroscience for a variety of publishers.

Program Evaluation:
- External evaluator of Psychology program at: Hampden-Sidney College (2008), University of Mary Washington (2007), John Carroll University (2007), St. Joseph's University (2007), Richard Stockton College of New Jersey (2004), Washington & Lee (2004), SUNY-Purchase (2003), Goucher College (2002), Hampden-Sidney College (2001), Gettysburg College (2000), Beaver College (1999), Mount St. Mary's College (1998), Western Maryland College (1987).

Grants & Grant Reviewing:
- Jessie Ball du Pont Fund "Enhancing an undergraduate behavioral neuroscience program" (with M. Kerchner & B. Heck) $149,805, 1998.
- NSF-ILI "Integrating an eye movement laboratory in an undergraduate Psychology curriculum", $10,712 matching funds. 1997.
- NSF-MRI (with co-PI C. Acocella) "Instrumenting a Cognitive Neuroscience Research Laboratory" $54,669 matching funds. 1997.
- Reviewer for NSF-SBIR (Small Business Innovation Research), 1998.
- Reviewer for NSF-IWR/SMET (Institution Wide Reform of Science, Math, Engineering & Technology) Program, 1997
- Reviewer for NSF-ILI (Instrumentation & Laboratory Improvement) program, 1995 & 1996
- Reviewer for NSF-Graduate Fellowship Program, Feb, 2001.
- Reviewer for NSF-CCLI (course curriculum and laboratory improvement, July 2000, July 2001)

Current Research:
- investigation into changes in higher order cognitive processes (especially problem solving) along with changes in visual and auditory evoked potentials in response to drugs such as carboxyhemoglobin, nicotine, and alcohol.
- investigation with Z. Mubrin and D. Janculak (Departments of Neurology, University of Zagreb Hospitals & University of Osijak Hospitals, Croatia) into changes in cognitive processes that accompany neurodegenerative diseases such as MS.
- investigation with M. Kerchner, L. Littlefield (Washington College) & M. Collaer (Middlebury College) into sex differences in cognitive processes, especially visuospatial memory.
- investigation with C. Habraken (University of Leiden, The Netherlands) of differences in working memory and spatial rotation performance that are related to expertise in

professions such as biochemistry that rely heavily on the visuospatial sketchpad.

Publications:

Teaching, Instructional and Multimedia

Spilich, GJ and Martin, A (2003). **Instructor's Resource Manual** for M. Gazzaniga and T Hetherton**,** *Psychological Science***.** WW Norton, New York**.**

Spilich, GJ, (2003). **Instructors Resource CD & Website** for M. Gazzaniga and T Hetherton**,** *Psychological Science***.** WW Norton, New York**.** This CD consists of 17 chapters of interactive video, Flash and other media enhanced activities for students and instructors using Gazzaniga &Hetherton's Psychological Science.

Edited volumes

S. Knezevic, I. Kostavic, G.J. Spilich, and H. Wiesnewski, (Eds.) (1992). **Neurodevelopment, Aging, and Cognition**. Berkhäuser-Boston.

Chapters

Spilich, G. J. (2008). Academic outcomes assessment in undergraduate education: Rationale and process. In Miller, R. L., Rycek, R. F., Balcetis, E., Barney, S., Beins, B., Burns, S., Smith, R., & Ware, M. E. (Eds.). **Developing, promoting and sustaining the undergraduate research experience in psychology***.* Syracuse, NY: Society for the Teaching of Psychology. Available from the Web site: http://www.teachpsych.org/teachpsych/pnpp

Spilich, GJ. (2005). Teaching Statistics to Psychologists. In B. Everitt and D. Howell (Eds). **Encyclopedia of Behavioral Statistics**, **4**, 1994-1997.

Spilich, G.J. (1993). Effects of Pyritinol upon comprehension processes in Alzheimer's individuals. In P. Reiderer and K. Maurer (Eds.). **Advances in the treatment of Alzheimer's disease**. Springer-Verlag, Vienna.

Knezevic, S., Bogdanovic, N., Spilich, G.J., Chudy, D. (1992). Pharmacological Treatment of Alzheimer's Dementia: A Review. In S. Knezevic, I. Kostavic, G.J. Spilich, and H. Wiesnewski, (Eds.) **Neurodevelopment, Aging, and Cognition**. Berkhäuser-Boston.

Spilich, G.J., and Knezevic, S. (1992) Developing a memory thermometer: Theoretical framework and first results. In S. Knezevic, I. Kostavic, G.J. Spilich, and H. Wiesnewski, (Eds**.) Neurodevelopment, Aging, and Cognition**. Berkhäuser-Boston.

Spilich, G.J. (1991). Effect of pyritinol upon comprehension processes in SDAT and MID individuals. In K. Maurer (Eds.), **Neurochemistry, Neuropathology, Neuroimaging, Neuropsychology, and Genetics**. Vieweg, Vienna.

Knezevic, S., Mubrin, Z., Spilich, G., Vucinic, G., & Wannenmacher, W. (1990). Long term treatment of SDAT patients with pyritinol. In K. Maurer, P. Riederer, & H. Beckmann (Eds.) **Alzheimer's disease: Epidemiology, Neuropathology, Neurochemistry, and Clinics**. Springer-Verlag, Vienna.

Spilich, G. (1989). Microcirculatión cerebral regional y tests de memoria en casos de DTSA. In Gasca, A.T., Maurer, K. & Wurtman, R.J. (Eds.). **Trastornos Cerebrals Orgánicos**, Vieweg, FRG.

Spilich, G.J. Discourse operations across the span of life. (1985). In N. Charness (Ed.), **Aging and human performance**, New York, Wiley.

Published refereed articles

Malojcic, Mubrin, Z., Coric, M., Susnic, M., Spilich, GJ. (2008). Consequences of mild traumatic brain injury on information processing assessed with attention and short term memory tasks. ***Journal of Neurotrama***, 25: 30-37.

Janculjak, D, Mubrin, Z., Brinar,V., G. Spilich GJ (2002). Changes of attention and memory in a group of patients with multiple sclerosis. **Clinical Neurology and Neurosurgery** 104(3), 221-227.

Spilich, GJ, Mubrin, Z., Janculjak, D (2002). Using cognitive performance to investigate neurodegenerative disease. **Clinical Neurology and Neurosurgery** 104(3) 228 - 230.

Masimore, K & Spilich, GJ (2001). Effects of mild alcohol intoxication upon driver's eye movements. **The International Journal of Cognitive Technology**, 6(20, 41-46.

Janculjak, D. Mubrin, Z., Brzovic, Z., Brinar, V., Barac, B., Palic, J., & Spilich, G. (1999). Changes in Short-Term Memory Processes in Patients with Multiple Sclerosis. **European Journal of Neurology**, 6:663-668.

Turner, C., & Spilich, G.J. (1997). Comparing the conclusions of tobacco industry sponsored research and academic research. **Addiction**, 92 (11), 1423-1426.

Spilich, G.J. (1997). Does undergraduate research pay off? **Council for Undergraduate Research Quarterly**, 18 (2), 57-59, 89-90.

Allen, G.L., Kirasic, K.C., & Spilich, G.J. (1997). Children's political knowledge and memory for political news stories**. Child Study Journal**, 27, 163- 177.

Spilich, G.J., Self, S., Waicker, S., & Curl, C. (1996). The effects of smoking upon working memory & driving performance. **Proceedings of the Human Factors and Ergonomics Society**, 40, 1373.

Spilich, G.J., Wannenmacher, W., Duarte, A., Buendia. M., Gomez, J., Ramirez, S., Anaya, A., & Otero, E. (1996). Efficacy of pyritinol versus hydergine upon cognitive performance in patients with Senile Dementia of the Alzheimer's type: A double-blind multi-center trial. **Alzheimer's Research**, 2, 79-84.

Spilich, G.J. Commentary on Nelson et al. **Journal of the American Medical Association**, May 3rd, 1995, op. 1334.

Spilich, G.J. (1994). Cognitive facilitation through nicotine: Fact or fiction? **Addiction**, 89 (2), 141-142.

Spilich, G.J. and Flynn, L. (1993). Does cigarette smoking affect cognitive performance? **Insight**. 15 (4), 1-3.

Spilich, G.J., June, L., and Renner, J. (1992) Cigarette smoking and cognitive performance. **British Journal of Addiction**, 87, 113-126.

Milanovic, L., Spilich, G., Vucinic, G., Knezevic, S., Ribaric, B., and Mubrin, Z. (1990). Effects of occupational exposure to organic solvents upon cognitive performance. **Neurotoxicology and Teratology**, 12, 657-660.

Knezevic, S., Mubrin, Z., Risberg, J., Vucinic, G., Spilich, G., Gubarev, N., & Wannenmacher, W. (1989). Pyritinol treatment of SDAT patients: Evaluation of psychiatric and neurological examination, psychometric testing, and rCBF measurements. **International Journal of Clinical Psychopharmacology**, 4(1), 25-28.

Knezevic, S., Mubrin, Z., Spilich, G., Risberg, J., Vucinic, G., Gubarev, N., & Wannenmacher, W. (1989). SDAT patients: Measurements of rCBF and memory performance. **Journal of Neural Transmission** (P-D Section), 1:90.

Mubrin, Z., Knezevic, S., Spilich, G.J., Risberg, J., Gubarev, N., Wannenmacher, W., & Vucinic, G. (1989). Normalization of rCBF patterns in senile dementia of Alzheimer's type**. Psychiatry Research** 29, 303-306.

Spilich, G.J. Implications of cognitive change for gerontological pedagogical practice. (1984). **International Journal of Aging and Human Development**, 18(1), 31-37.

Spilich, G.J. (1983). Life-span components of text processing: Structural and procedural differences. **Journal of Verbal Learning and Verbal Behavior**, 22, 231-244.

Spilich, G.J. & Voss, J. F. (1983). Contextual effects upon text memory for young, aged-normal, and aged memory-impaired individuals. **Experimental Aging Research**, 9 (1), 45-49.

Browning, G.B. & Spilich, G.J. (1981). Some important methodological issues in the study of aging and cognition**. Experimental Aging Research**, 7 (2), 175-187.

Voss, J.F., Vesonder, G.T., & Spilich, G.J. (1980). Text generation and recall by high knowledge and low-knowledge individuals. **Journal of Verbal Learning and Verbal Behavior**, 19, 651-667.

Chiesi, H.L., Spilich, G.J., & Voss, J.F. (1979). Acquisition of domain-related information in relation to high and low domain knowledge. **Journal of Verbal Learning and**

Verbal Behavior, 18, 157-183.

Spilich, G.J., Vesonder, G.T., Chiesi, H.L., & Voss, J.F. (1979). Text processing of domain-related information for individuals with high and low domain knowledge. **Journal of Verbal Learning and Verbal Behavior**, 18, 275-290.

Other Publications:

• Spilich, G.J. (1991). Alzheimer's Disease: The Great Brain Robbery. The Washington College Reporter, 39 (3), 17-20.
• Spilich, G.J. (1989). The CETM: A sensitive test of clinically relevant memory disorders. Manual available from the Centar za Istrazivanje Poremacij Pamchenja, Poljicka Polyanya, 41000 Zagreb, Croatia or Psychology Department, Washington College, Chestertown, MD 21620 USA.
• Spilich, G.J. (1989). Living in Jugoslavia: A survival manual for the Fulbright Scholar. Unpublished manuscript adopted by CIES and distributed to Fulbright Scholars to Jugoslavia.

Selected College-wide Academic Committee Experience:

- Pre-Med Committee
- Graduate Council
- Review Board for Research with Human Subjects
- Academic Affairs (the committee worked on revisions of tenure & promotion procedures, teaching evaluation form, post-tenure review processes, sexual harassment policy)
- Advisory Committee on Academic Appointments
- Appeals Committee (heard appeals regarding tenure/promotion cases)
- Academic Computing
- Information Technology Steering Committee
- Study Abroad Committee
- Faculty Representative to the Buildings & Grounds Committee of the Board of Visitors & Governors elected April 2000
- Search Committee: Director and Assist Director of Information Technology
- Middle States Review Committee

Presentations at peer reviewed Professional Conferences

Student co-authors in **boldface;** Invited talks marked with *

Knox, A., Atualevao, F., Feist, M., Littlefield, L & Spilich, GJ. 'Metacognition and Lies: Are we any good at detecting liars? Poster presentation at Eastern Psychological Association, March of 06.

Dunlap, E & Spilich, G. Modality effects of art therapy on depression. Poster presentation at Eastern Psychological Association's Annual meeting, March, 2003.

The effect of nicotine upon cognition. Invited talk at the Annual Undergraduate Research Fair, University of Pittsburgh at Johnstown, Johnstown, PA April, 2002.

Understanding Cognitive Sequelae of Multiple Sclerosis. 1st Dubrovnik International Conference on Multiple Sclerosis, Dubrovnik, Croatia, May 12, 2001.

Chemistry beats sex: Expertise and sex differences in working memory performance. Clarisse Habraken & George Spilich. Poster presented at Eastern Psychological Association, Washington, DC, May 21,2001

A more sensitive test for investigating sex differences in cognition. M. Collaer, R. Richards (Middlebury College), M. Kerchner, G. Spilich & A. Delcher (Washington College). Poster presented at the annual meeting of the Eastern Psychological Association, Washington, DC. May, 2001.

The Department Chair; Seat of power or just flying by the seat of the pants? Chair & Discussant, Panel Discussion, Eastern Psychological Association, Washington, DC, May 20, 2001.

Faculty-Student collaborative Research: Outcomes Assessment. Copresenter with MT Kerchner at CUR National Conference, College of Wooster, Ohio, June 24-27th, 2000

Moderator for symposium entitled: Nicotine and tobacco: recent advances in craving and cognition, presented at the annual meeting of the Eastern Psychology Association, Baltimore, MD, March 24th, 2000.

Changes in STM scanning brought about by nicotine. **Erin Madden** & George Spilich. Poster presented at the annual meeting of the Eastern Psychology Association, Baltimore, MD, March 25th, 2000.

Do humanities & science faculty differ in verbal and visuospatial working memory processes? George J. Spilich & **Johanna Tole** (Washington College, Chestertown, MD, USA) and Clarisse Habraken (University of Leiden, Leiden, The Netherlands). Poster presented at the annual meeting of the Cognitive Neuroscience Society, Washington DC, March 1999.

Do humanities & science faculty differ in verbal and visuospatial working memory processes? George J. Spilich & **Johanna Tole** (Washington College, Chestertown, MD, USA) and Clarisse Habraken (University of Leiden, Leiden, The Netherlands). Poster presented at the annual meeting of the Eastern Psychological Association, Providence, RI, April, 1999.

Changes in Short-Term Memory Processes in Patients with Multiple Sclerosis. Davor Janculjak, Zdenko Mubrin, Zdravko Brzovic, Vesna Brinar, Bosko Barac, Josip Palic, and George Spilich. Poster presented at the annual meeting of the Eastern Psychological Association, Providence, RI, April, 1999

* Utah State Valley College: Conference on Faculty Teaching & Student Research at Teaching Institutions. March 25-26, 1999. I delivered 3 invited talks:
  - Using Research as a Catalyst for Enhancing Undergraduate Education.
  - Student Jobs and Summer Research Projects
  - Collaboration with Research Institutions

Refocusing the role of the faculty. Invited presentation at symposium entitled Maintaining excellence in undergraduate programs presented at Eastern Psychological Association's annual meeting, Boston, Feb 28, 1998. Building excellence through undergraduate research programs. Keynote speaker at the University-wide Undergraduate Research Fair, SUNY-Potsdam, April, 1998.

Good-by Mr. or Ms. Chips: Tenure and Promotion in the 90's. Invited talk as part of a symposium entitled "Mostly I teach: Perspectives on faculty development in liberal arts settings", Eastern Psychological Association, Washington, D.C., April 12, 1997.

Research into smoking and/or nicotine and human cognitive performance: A comparison of the conclusions of University and Tobacco Industry supported studies. **Turner, C**., & Spilich, G. Eastern Psychological Association, Washington, D.C., April 11, 1997.

Does nicotine affect driving performance? Spilich, G.J., **Hartman, J., & Hartsock**, A. Eastern Psychological Association, Washington, D.C., April 1997.

Effects of smoking upon working memory & driving performance. George Spilich, **Stacy Waicker, Stephanie Self, & Catherine Curl**. Human Factors & Ergonomics Society, Philadelphia, PA Nov. 1996.

* Nicotine and cognitive performance: The first hundred years of research. Invited speaker, North American Conference on “Medical, legal, public policy and behavioral implications of nicotine-only delivery systems”, Robert Wood Johnson Medical Center, New Jersey, May, 1996.

Chair’s dilemma: Budgets, course offerings, and labs in undergraduate institutions across the United States. George Spilich & Douglas Beckworth, Presentation at annual meeting of Eastern Psychological Association, March 31, 1996.

Does smoking affect cognitive performance? Invited paper for session on Neuropsychology, Eastern Psychological Association, Philadelphia, PA. March 30, 1996.

Role of nicotine and COHb in vehicular accidents among smokers. George Spilich, **Lisa Athey, Stephanie Self, Stacey Waicker**. Presentation at session on cognition; Eastern Psychological Association, Philadelphia, PA. March 30, 1996.

Effects of nicotine upon P300. George Spilich, **Laura Flynn, Eileen Hunter, and Charlee Darby**. . Presentation at annual meeting of the Eastern Psychological Association , Boston, April 1st, 1995.

Effects of tobacco use upon driving-related psychophysical tasks. Spilich, G.J., **An, Jennifer; Hagy, Jennifer; Kraus, Wendy; Koehler, Mark**. Presentation at annual meeting of the Eastern Psychological Association , Boston, April 1st, 1995

Changes in P300 amplitude and latency due to nicotine. George Spilich & **Laura Flynn**. Presentation at the annual meeting of the Cognitive Neuroscience Society, San Francisco, March 28th, 1995.

Changes in text comprehension processes and rCBF which accompany nootropic therapy (pyritinol) in SDAT patients. Spilich, G.J., Knezevic, S., Mubrin, Z., and Wannenmacher, W. Practical Aspects of Memory conference, University of Maryland, July 31st to Aug. 3rd, 1994.

Cigarette smoking and cognitive performance. Spilich, G.J., **Welch, T., and Flynn, L**. Practical Aspects of Memory conference, University of Maryland, July 31st to Aug. 3rd, 1994.

* Chronic and acute effects of organic solvent exposure upon cognitive performance of industrial workers. Spilich, G.J., Milanovic, L., and Knezevic, S. Invited speaker for a symposium on Substance and toxic influences, Practical Aspects of Memory conference, University of Maryland, July 31st to Aug. 3rd, 1994.

* Responder analysis of pyritinol in dementia syndromes. Invited presentation, XIX Congress Collegium International Neuro-Psychopharmacologicum, Washington, D.C., June 27th-July 1st, 1994.

Responder analysis of SDAT and MID individuals with pyritinol: Results of a multi-center 32 week clinical trial. G.J. Spilich, R. Ihl, K. Maurer, S. Knezevic, W. Wannenmacher, and L. Flynn. Cognitive Aging Conference, Atlanta, GA, April 7th-10th, 1994.

* Changes in Text Comprehension processes and rCBF which accompany nootropic therapy (pyritinol) in SDAT individuals. Spilich, G.J., Knezevic, S., Mubrin, Z., Wannenmacher, W. Rotman Research Conference on Treatment of Dementia, Toronto, Ontario, Canada, March 24th & 25th, 1994.

Effects of cigarette smoking on STM performance. Spilich, G.J., **Welch, T., Neidig, V., and Flynn, L.** American Society of Addiction Medicine, Atlanta, November 12th, 1993.

* Cognitive improvement through nicotine: Myth or reality? Invited plenary speaker at American Society of Addiction Medicine, Atlanta, Sat, Nov. 13th, 1993.. Cigarettes and Cognitive Performance: A Cause for Concern. Talk delivered as part of the symposium New Directions in Tobacco Research at Eastern Psychological Association's annual meeting, April 17th, 1993.

Effects of smoking upon text comprehension processes. **J. An, K. Eakin, A. Erhart, M. Omohundro**, G. Spilich. Eastern Psychological Association, April 17th, 1993.

Effects of cigarette smoking upon scanning in STM. George J. Spilich**, Kristin Coyne, Tina Welch, &**

Valerie Neidig. Eastern Psychological Association, April 17th, 1993.

* Changes in regional cerebral blood flow and accompanying comprehension processes in Alzheimer's disease. Colloquium speaker, University of Delaware, May, 1992.

Changes in regional cerebral blood flow and accompanying comprehension processes in Alzheimer's disease. Cognitive Aging Conference, Atlanta, April, 1992.

* Effects of nicotine upon complex comprehension processes. Invited speaker at the University of South Carolina Colloquium Series April, 1992.

* A new memory test for dementia patients. Invited speaker, Pan-European Conference of Neurology, Hofberg, Vienna, Austria, December 12th, 1991.

* Memory Research in the Real World. Keynote speaker at the 2nd annual Intercollegiate Undergraduate Research Day, St. Joseph's University, Philadelphia, PA, April 19th, 1991.

Effects of juvenile diabetes upon cognitive processes. Jasna Knezevic (Department of Pediatric Neurology, University of Zagreb Hospitals, Jugoslavia), George Spilich, **Elizabeth Driscoll, & Dianna Holden**, Washington College. Eastern Psychological Association's Annual Meeting, April 11-14, 1991, New York City.

Effect of cigarette smoking upon Sternberg Performance. George J. Spilich, **Dianna Holden, & Elizabeth Driscoll**, Washington College. Eastern Psychological Association's Annual Meeting, April 11-14, 1991, New York City.

* Cognitive change in Alzheimer's disease: new perspectives. Coloquium Speaker Department of Psychiatry, University of Wurtzburg, Wurtzburg, Germany. March 23rd, 1991.

Maintaining your memory . Easton Memorial Hospital, Easton, MD, USA; March 21st, 1991.

Cognitive implications of industrial solvent intoxication. Human Factors Society, Chesapeake Chapter, Human Engineering Laboratory, Aberdeen Proving Ground, Aberdeen , MD, November, 13th, 1990.

* Psycholinguistic tools for assessing dementia. Cognitive/Communicative Disorders Conference, Department of Neurology, University of Maryland at Baltimore. January 10, 1991.

"Chronic and acute effects of organic solvent exposure upon cognition." Milanovic, L., Knezevic, S., and Spilich, G. Eastern Psychological Association's Annual Meeting, Philadelphia, PA. March 30th, 1990.

"Effects of a neurotropic (pyritinol) upon cognitive processes in Alzheimer's Disease." Spilich, G., Knezevic, S., Mubrin, Z., Risberg, J., and Wannenmacher, W. Eastern Psychological Association's Annual Meeting, Philadelphia, PA. March 30th, 1990.

* "Memory performance and regional cerebral blood flow in SDAT patients treated with pyritinol." Knezevic, S., Mubrin, Z., Spilich, G.J., Risberg, J., Vucinic, G., Gubarev, N., Wannenmacher, W. World Federation of Neurology conference; June 3, 1989, Florence, Italy.

* "Effects of Occupational Exposure to Organic Solvents upon Cognitive Performance." Milanovic, L., Ribaric, B., Vucinic, G., Spilich, G., Mubrin, Z., & Knezevic, S. Meeting of International Neurotoxicology Association, Sitges, Spain, May, 1989.

* "Neurological signs of CNS involvement in workers exposed to organic solvents." Ribaric, B., Milanovic, L.J., Spilich, G.J., Knezevic, S., & Mubrin, S. Meeting of International Neurotoxicology Association, Sitges, Spain, May, 1989.

* "Psycholinguistic performance as an early warning for different dementias". Spilich, G., Mubrin, Z., & Gubarev, N. Talk delivered at the VIII Jugoslav Congress of Neurologists, Novi Sad, Jugoslavia, 11/14/88.

"Procjena Kognitivnih sposobnosti SK testom u klinickoj dijagnostici demencije." [Estimation of cognitive status via SKT for clinical diagnosis of dementia.] Sartori, B., Spilich, G., Grubisic, M. Talk delivered at the VIII Jugoslav Congress of Neurologists, Novi Sad, Jugoslavia, 11/14/88.

* Changes in cerebral microcirculation and its effects upon cognitive processes in SDAT. Invited lectures delivered at international conference sponsored by the Columbian Neurological Association and entitled Trastornos Cerebrales Organicos: Epidemiologicia, Biochemica, Diagnostico & Terapia; Cartagena, Columbia, 10/21/88; Bogota, Columbia, 10/24/88.

* Normalization of regional cerebral blood flow and memory disturbances in SDAT patients via neurotropic therapy. Spilich, G., Knezevic, S., & Mubrin, Z. Invited lecture delivered at Internationaler Workshop Zugange zu Ursachen, Klinik und Pharmakotherapie der Demenz Vom Alzheimer Typ, Konstanz, FRG, 4/28/88.

* A sensitive test for memory & comprehension assessment of the effects of pyritinol in SDAT and MID patients. Spilich, G.J., Mubrin, Z., Knezevic, S., Vucinic, G., Wannenmacher, W., & Gubarev, N. Talk delivered at session entitled Psychopharmacology of Dementia at the Third Congress of the International Psychogeriatric Association, Chicago, IL., August 30th, 1987.

Pyritinol induced changes in rCBF during memory activation in SDAT patients. Mubrin, Z., Knezevic, S., Risberg, J., Spilich, G.J., Wannenmacher, W., Vucinic, G., Gubarev, N. Talk delivered at session entitled Biochemical studies on Dementia at the Third Congress of the International Psychogeriatric Association, Chicago, IL., August 30th, 1987.

Cigarette smoking & memory: good news and bad news. Talk delivered at the 95th annual meeting of the American Psychological Association, NYC, August 28th, 1987.

Coordinator for symposium on "Cognition & Environmental agents: Theoretical and pragmatic implications" at the 95th annual meeting of the American Psychological Association, NYC, August 28th, 1987.

Moderator of poster session on Perception, Language, and Learning; held at the 95th annual meeting of the American Psychological Association, NYC, August 28th, 1987.

"Teaching statistics via micro- and mainframe computers." Talk delivered at the Second Apple National Conference on Computing in the Liberal Arts, Washington College, Chestertown, MD, June 11th, 1987.

"Pyritinol induced changes in rCBF in SDAT and MID patients." Knezevic, S., Mubrin, Z., Wannenmacher, W. & Spilich, G. Paper delivered at the International Conference on Alzheimer's Dementia, Amsterdam; April, 1987,.

Member of the organizing committee for the 2nd International rCBF (regional cerebral blood flow) rCBF workshop on Nuclear Imaging techniques in Neurology held at Supetar on the island of Brac, Yugoslavia, September 27th-October 4th, 1986.

"rCBF memory activation patterns in nondemented and demented elderly individuals." Mubrin, Z., Knezevic, S., Vucinic, G., Spilich, G., & Gubarev, N. Paper presented at the 2nd International rCBF workshop on Nuclear Imaging techniques in Neurology, Supetar, Brac, Yugoslavia September 29th-October 4th, 1986.

"Effects of nicotine on cognitive performance". Colloquium presented at the Department of Neurology, Neuroloska Klinika, KBC Rebro (Hospital), Zagreb, Yugoslavia, October 6th, 1986.

"Nicotine and memory function." Colloquium presented to the Departments of Psychiatry & Nuclear Medicine, Milwaukee County Medical Complex, Milwaukee, Wisconsin, August 18th, 1986.

"Cigarettes and cognition: Memories up in smoke?" Spilich, G., **June, L., & Renner, J**. Paper presented in a paper session on "Clinical substance abuse" at Eastern Psychological Association's annual meeting, New York, NY, April 20th, 1986.

"I thought it was him, but now I'm unsure: Racial differences in eyewitness identification." Spilich, **G. Hernandez, D. & Renner, J**. Paper presented in a paper session on "Perception, cognition, and education" at the Eastern Psychological Association's annual meeting, New York, NY, April 20th, 1986.

Moderator for paper session on "Cognitive processes: Problem solving and decision making" at Eastern Psychological Association's annual meeting, April 18th, 1986.

"Cigarettes and cognition: Memories up in smoke?" Spilich, G**., June, L., & Renner, J**. Paper presented at the Fifty-seventh annual meeting of the Midwestern Psychological Association, Chicago, IL, May 3rd, 1985.

Expert witness in memory for discourse comprehension in the case of Niles vs. Landmark Communication Inc., Federal Courthouse, Richmond, VA. April, 1985.

"The role of knowledge base in age differences in comprehension." Paper presented in a symposium entitled "Individual differences perspectives on memory in adulthood" at the Ninety-second annual meeting of the American Psychological Association, Toronto, Canada, August 24th, 1984.

"Structural and strategic aspects of children's comprehension for simulated newscasts." Allen, G.L., Kirasic, K., & Spilich, G.J. Paper presented at the Biannual meeting of the Society for Research in Child Development, Detroit, MI, April 22nd, 1983.

"Comprehension mechanisms in young and aged discourse processors." Paper presented at the 28th annual meeting of the Southeastern Conference on Linguistics, University of Maryland, College Park, MD., April, 1983.

"Memory for cohort specific and cohort non-specific prose in normal-young, normal-aged, and aged-senile adults: A case for familiarity." Spilich, G., & Kirasic, K. Poster presented at the 54th annual meeting of the Eastern Psychological Association, April 7th, 1983.

"An epidemiological model for examining cognitive change in the elderly." LaPorte, R., Spilich, G.,Cauley, J. Paper presented at the Thirty-fourth annual meeting of the Gerontological Society,Toronto, Canada, November 9th, 1981.

Moderator for Symposium entitled "New directions in Geropsychology" at the Fifty-third annual meeting of the Midwestern Psychological Association, Detroit, MI, April 31st, 1981.

"The aged as text processor: Expert or novice?" Paper presented at the Fifty-third annual meeting of the Midwestern Psychological Association, Detroit, MI, April 31st, 1981.

Moderator for paper session on "Cognition, Perception, and Development" at the Fifty-third annual meeting of the Midwestern Psychological Association, Detroit, MI, April 30th, 1981.

"Memory for discourse in young, aged-normal, and aged-senile individuals." Paper presented at the Fifty-second annual meeting of the Midwestern Psychological Association, St. Louis, MO, May 2nd, 1980.