

## CURRICULUM VITA

**NAME** J.A. Scott Kelso  
Glenwood and Martha Creech Chair in Science  
Professor of Psychology  
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**BORN** February 27, 1947  
L' Derry, N. Ireland

### EDUCATION

Stranmillis College, Belfast, N. Ireland 1965-1969  
University of Calgary, Alberta, Canada B.S. 1972  
University of Wisconsin, Madison M.S. 1973  
University of Wisconsin, Madison Ph.D. 1975

### ACADEMIC POSITIONS

1985- Glenwood and Martha Creech Eminent Scholar Chair in Science  
Founder and Director, Center for Complex Systems and Brain Sciences  
Professor of Psychology, Professor of Biological Sciences, Professor of  
Biomedical Sciences, Florida Atlantic University, Boca Raton, Fl.

1995 Co-Director, Santa Fe Institute Summer School in Complex Systems

2000 Distinguished Visiting Professor, University of Marseille

1982-85 Senior Research Staff, Haskins Laboratories, Yale University  
Professor, Departments of Psychology and Biobehavioral Sciences  
(Unit of Behavioral Genetics), University of Connecticut.

1986 Guest Professor, USSR Academy of Sciences, Moscow

1984 Guest Professor, Institute for Theoretical Physics, University of Stuttgart

1983 INSERM Research Professor, Lyons, France

1978-82 Senior Research Staff, Haskins Laboratories, Yale University  
Associate Professor, Departments of Psychology and Biobehavioral Sciences (Unit  
of Behavioral Genetics), University of Connecticut

- 1976-78      Assistant Professor and Director, Motor Behavior Laboratory  
The University of Iowa.
- 1976          Invited Asst. Professor (Summer Semester)  
The University of Texas at Austin, Texas.
- 1969-71      Schoolmaster, Coleraine Academical Institution, Coleraine, N. Ireland

## **HONORS AND AWARDS**

- 2005          A.S Iberall Memorial Lecture, University of Connecticut, Storrs
- 2005          F.J. McGuigan Prize Lecture, American Psychological Association
- 2004          Fellow, AAAS
- 2001          Docteur Honoris Causa, Republic of France and University of Toulouse
- 2001          Neurosciences Research Program Fellow, La Jolla, CA
- 2000          Distinguished Lecture Series,  
International School for Computable Economics, Trento
- 1999          US Delegation to inaugurate the National Brain Research Institute of India,  
New Delhi
- 1999          Distinguished Scientist Award, NASPSPA
- 1999          Smithsonian Institution Lecturer, Washington, DC
- 1999          Brain Bursary Lectures, London, UK
- 1998          Invited Fellow, Center for Advanced Studies in the Behavioral Sciences
- 1997          Senior Scientist Award, National Institute of Mental Health
- 1997          MERIT Award, National Institute of Mental Health
- 1997          Visiting Fellow, The Neurosciences Institute, San Diego, CA.
- 1996          Professorial Excellence Award, State University System of Florida.
- 1996          Sir Runrun Shaw Fellow, Chinese University of Hong Kong
- 1995-1999    President, South Florida Chapter, Sigma Xi (Scientific Research Society)
- 1991          W.J. Bryan Lectures in Cognitive Science, Indiana University
- 1990          Founding Fellow, American Psychological Society
- 1990          Distinguished Alumni Research Achievement Award, The University of Wisconsin,  
Madison (rec'd from Chancellor Donna Shalala)
- 1989          Kenwood-Smith Lectures, University of North Carolina
- 1989          Centennial Lecture, University of Tokyo, Japan
- 1986          Fellow, American Psychological Association
- 1986          American Society of Biomechanics (Honorary member)
- 1984          Nominated Fellow, Center for Advanced Study in the Behavioral Sciences
- 1984          Fellow, Center for Interdisciplinary Research (ZIF), Bielefeld, FRG.
- 1979          Fellow, NATO Advanced Study Institute on Motor Control, Senanque, France.
- 1977          Old Gold Fellow, University of Iowa.
- 1973-1975    University Research Fellow, University of Wisconsin, Madison.

## PROFESSIONAL SOCIETIES

American Psychological Association, Divisions 1 and 3 (Fellow)  
American Psychological Society (Fellow)  
Psychonomic Society  
American Association for the Advancement of Science (Fellow)  
Associate, Behavioral and Brain Sciences  
Sigma Xi, Scientific Research Society  
American Society of Biomechanics (Honorary member)  
Society for Neuroscience  
New York Academy of Sciences

## EDITORSHIPS

1981-1988 Executive Editor, *Journal of Motor Behavior*  
1981-1989 Editorial Board, *Journal of Experimental Psychology: Human Perception and Performance*  
1981- Editorial Board, *Journal of Motor Behavior*  
1988- Editorial Board (Founding Member) *Neural Networks*.  
1990-2000 Editorial Board, *International Journal of General Systems*  
1992- Editorial Board, *Human Movement Science*  
1996- Editorial Board, *Motor Control*  
2002- Editorial Board, *Chaos and Complexity Letters*  
2002- Series Editor, *Understanding Complex Systems*, Springer-Verlag  
2004- Editorial Board, *Cognitive Processing*

## Advisory Boards

1982 Executive Board, International Society for Ecological Psychology.  
Elected to the first Board of Directors  
1995- Foundation for Biomusicology, Stockholm, Sweden and Florence, Italy  
2003 - Scientific Advisory Board, Plexus Institute

## INVITED LECTURES

I have given many invited lectures, often on more than one occasion, in the U.S. and throughout the world, including:

In the U.S.: *Brandeis University, Brown University, Rockefeller University, Harvard University, MIT, Yale University, Columbia University, University of Pennsylvania, Duke University, University of Miami, University of Florida, Emory University, University of Chicago, University of Illinois, University of Minnesota, University of Wisconsin, Madison, Indiana University, University of Colorado, Penn State University, Ohio State University,*

*University of Texas, Austin, USC, UC San Diego, University of Oregon, etc.*

In Canada: *McGill University, University of Montreal, York University, Laval, Waterloo, Western Ontario, Calgary, Simon Fraser, U. British Columbia, etc.*

In the U.K. and Ireland: *Oxford, Cambridge, Trinity College, Dublin, Queens University, Belfast, etc.*

In Australia: *Universities of Queensland, Melbourne, Adelaide, Sydney, Western Australia (Perth)*

In Europe: Finland (*Helsinki*); Germany (*Bielefeld, Stuttgart, Berlin, Potsdam, Munich, Leipzig, Schloss Elmau*); France (*Marseilles, Lyons, Arc et Senanque, Toulouse, Paris*); Italy (*Trieste, Milano, Perugia, Trento*); Portugal (*Sintra*); Spain (*Barcelona*); Sweden (*Royal Swedish Academy of Sciences; Foundation for Biomusicology, Sigtuna, etc.*) Switzerland (*Maccolin, Ascona*); The Netherlands (*Free University of Amsterdam*); Belgium (*Free University of Brussels; Louvain*)

In Russia: *Moscow (Academy of Sciences), Suzdal*

In Japan: *University of Tokyo; ATR Kyoto.*

In India: *The National Brain Research Institute*

In China: *Chinese University of Hong Kong, National University of Taiwan*

## **A SAMPLING OF KEYNOTE ADDRESSES**

VII Commonwealth Games International Conference, Brisbane, Australia (1982)

Physics of Complexity, International Center for Theoretical Physics, Trieste, Italy (1986)

American Society of Biomechanics (1987)

51st Meeting of the German and British Physical Societies, Berlin, Germany (1987)

Centennial Symposium, Information creation in biological complex systems, University of Tokyo, Tokyo, Japan (1989)

Kenwood-Smith Lectures, University of North Carolina, Greensboro(1989)

Sigma Xi Lecturer (1990)

Solvay Foundation Symposium, Self-organization, emergent properties and learning, University of Texas, Austin (1990)

W. J. Bryan Lectures in Cognitive Science, Indiana University (1991)

IV<sup>th</sup> Waddington Memorial Conference, Significance and Form in Nature and Art, Spello-Perugia, Italy (1993)

25<sup>th</sup> Anniversary Symposium, Nonlinear Systems in Medicine and Biology, Purdue University (1994)

Man, Mind, and Music, Milano, Italy (1994)

Sports, Dance, Movement, and the Brain, Art Institute of Chicago (1995)

Gordon Conference on Multisegmental Motor Control: Neural, Behavioral, and Biomechanical Approaches, New Hampshire (1995)

International Conference on Intentional and Perceptual Dynamics, Amsterdam (1995)

The Fourth International Conference on Simulation of Adaptive Behavior, Cape Cod, MA (1996)

Sir Runrun Shaw Lectures, Chinese University of Hong Kong (1996)

Developmental Science and the Holistic Approach, Wiks Castle and the Nobel Institute Stockholm (1997)

Smithsonian Institution Lecture, Washington, D.C., "How the brain switches" (1999)

Distinguished Lecture Series (five), Guarantors of *Brain*, London, England, "The self-

organizing coordination dynamics of brain and behavior” (1999)

Plenary talk, NIH delegation to inaugurate the National Brain Research Institute of India, Delhi, October (1999; Gandhi’s birthday).

Fondazione Carlo Erba meeting on “The Emergence of Mind” Milano, Italy, April (2000)

"Great Unsolved Problems in Biology". Society for Experimental Biology, Cambridge, England, August (2000)

Distinguished Lecture Series (three) on Coordination Dynamics at The International School for Computable Economics, October (2000), Trento, Italy.

Herbstakademie on “Self- Organization of Cognition and applications to psychology”, Nov. (2000), Monte Verita, Switzerland. “Cognitive Coordination Dynamics”

Opening address, “Directed self-organization”, International Conference on Coordination Dynamics 2002, Delray Beach, May, 9-12, 2002.

Invited Main Speaker, International Conference on “Uncertainty and Surprise”, Ilya Prigogine Center, University of Texas, Austin, April, 2003

Opening address, Cognitive Science in the 21<sup>st</sup> Century, Sao Paulo, Brazil, April, 2003.

Invited Speaker, Dutch Academy of Science meeting on “Binding and its Breakdown”, Amsterdam, The Netherlands, September, 2003.

Distinguished Lecturer, “New vistas for the plasticity of brain” National Yang-Ming University, Taiwan, February, 2004

Jane Goodall Distinguished Scientist Lecture, CREST, Portland, Oregon, March, 2004

Presidential (Human Kinetics) Lecture, NASPSPA, Vancouver, BC, June, 2004.