CURRICULUM VITA

ALEXIS. G. CLARE, Professor of Glass Science, New York State College of Ceramics at Alfred University **Professional Positions**

I I OI COSTOII II O						
Sept 2001- Professor of Glass Science, New York State						
	College of Ceramics at Alfred University, Alfred, New York					
	Evaluator for ABET					
	Director , NYS Advance Research Center in Photonics					
	Program Chair, Glass Science					
	Interim Program Chair: Biomaterials Engineering (from 2006)					
2000-2005	Commissioner ABET Engineering Accreditation Commission					
1995-2001	Associate Professor of Glass Science, New York State					
	College of Ceramics at Alfred University, Alfred, New York					
	Site Director, NSF Industry/University Center for Biosurfaces					
	Evaluator for ABET					
1989-1995	Assistant Professor of Glass Science, New York State College					
	of Ceramics at Alfred University, Alfred, New York					
1987-1989	British Telecom Post Doctoral Research Fellow, University of					
	Sheffield, U.K. "Fluoride Glasses for Active Optics"					
1985-1987	Post Doctoral Research Fellow, University of Sheffield, U.K.					
	"Heavy Metal Fluoride Glasses for Long Range Telecommunications"					
Education						
1978-1981	The University of Reading, U.K., B.Sc. Chemical Physics with					
	Subsidiary Mathematics					
1981-1984	The University of Reading, U.K., Ph.D. Physics					
	Thesis, "Neutron Studies of Amorphous and Related Crystalline					
	Materials"					

Selected Honors and Awards

Selected Honors and	Awards		
1992	John F. McMahon Ceramic Teaching Excellence Award		
1994	Elected Fellow of the Society of Glass Technology, UK		
1995	John F. McMahon Ceramic Teaching Excellence Award		
1996	Alfred University Award for Excellence in Teaching		
1996	State University of New York Chancellors Award for Excellence in		
,	Teaching		
1997	National Institute of Ceramic Engineers Karl Schwartzwalder PACE		
	Award		
1997	National Academy of Sciences Committee on the Utilization of		
]	Russian Technologies (7 member committee chaired by Alvin		
,	Trivelpiece, Director, ORNL)		
1997	Seven Lakes Girl Scout "Women of Excellence" Award (Role Model		
	Award)		
1998	Patent with Galileo Corporation for amplifier component		
(developed during sabbatical leave at Galileo		
2000	Elected Fellow of the American Ceramic Society		

2000	Recipient of 2000 Vittorio Gottardi Prize for Glass Science given by the International
	Commission on Glass
2001	Recipient of NYS Faculty Development Award for retaining talented researchers in New
	York State
2003	Alfred University Excellence in Teaching Award
2004	National Academy of Science Review Panel for DOE Industries of the Future Program
2006	Alfred University Excellence in Teaching Award

Professional Societies Society of Glass Technology, American Ceramic Society, National Institute of Ceramic Engineers, Tau Beta Pi (Honorary), Keramos (Honorary) Optical Society of America

Offices Held in Professional Societies

2003-2005

1991-1992	Chair of the Amorphous Materials Special Interest Group,
1001 1005	American Crystallographic Society
1991-1995	Secretary, Western New York Section of American
1002	Ceramic Society
1993	Convener of North American Section of the Society of Glass
1002	Technology
1993-	Secretary, North American Section of the Society of Glass
1002	Technology
1993-	Bioceramics Liaison Representative, Glass Division of American
1006	Ceramic Society
1996	Elected Vice Chair of the Glass Division of the American Ceramic
100-	Society
1997	Chair Elect, Glass and Optical Materials Division American Ceramic
	Society
1996-1998	American Ceramic Society Presidents' Governance Committee
	(established by Jim McCauley, Chaired by VP at large Warren Wolfe
	to examine and recommend changes in the Governance of ACerS)
1998	Chair, Glass and Optical Materials Division of the American Ceramic
	Society
1998	Speaker at Opening Ceremony of International Congress on Glass
2000-2001	Secretary/Treasurer of National Institute of Ceramic Engineers
1999-2000	The Nominating Committee for the American Ceramic Society
2000	Appointed Commissioner to The Engineering Accreditation Commission
2001	Appointed to the Panel of Fellows for both the Society of Glass Technology and the
	American Ceramic Society
2002	President Elect of the National Institute of Ceramic Engineers
2003	President of the National Institute of Ceramic Engineers
2003	Appointed to the Coordinating Technical Committee for the International Commission on
	Glass
2003	Appointed to Chair Technical Committee 4 of the International Commission on Glass
2003-2005	Membership Committee American Ceramic Society
2004	Global Task Force Committee American Ceramic Society

American Ceramic Society Education Committee

2005	Appointed Cluster Coordinator for the Surfaces of Glass Cluster for the International
	Commission on Glass
2005	Elected to the Board of Directors American Ceramic Society
2006	Chair of ACerS Task Force on Internet Strategy
2006	Organizing Committee for International Congress on Glass Strasbourg 2007

Conferences and Meetings Chaired

Co-Chair with Bill LaCourse for the 12th University Conference on
Glass
Bioceramics Symposium Organizer (with Larry Hench (Basic
Science) and Gary Fischman (Engineering Ceramics)) Annual Meeting,
Indianapolis IN 1994
Co Chair 10th International Symposium on Non-Oxide Glasses, Corning NY
Co-Chair of Bioceramics Symposium, Annual Meeting, American
Ceramic Society Annual Meeting.
Co-Chair 5th International Symposium on the Advances in Fusion and Processing of
Glass, Toronto, Canada
Co-Chair SPIE Symposium on Inorganic Optical Materials
Chair of Biomaterials Symposium and Education Symposium at the American Ceramic
Society Annual Meeting
Non Crystalline Materials IX Corning NY

PAPERS

WRIGHT A.C., SUMNER D.J., CLARE A.G.

in "The Structure of Non-Crystalline Materials 1982" p. 395-406, eds. P.H. Gaskell, J.M. Parker, E.A. Davis Random Network Models of Vitreous B₂O₃ Containing Boroxol Rings

SINCLAIR R.N., TASKER C.G., CLARE A.G., WRIGHT A.C.

Nucl. Instrumen. Meth **A240** (1985) p 199-202

The Calibration of Neutron Time of Flight Diffractometers for Amorphous Materials

WRIGHT A.C., HANNON A.C., CLARE A.G., SINCLAIR R.N., JOHNSON W.L., ATZMON M., MANGIN P.

J. de Physique Colloque **C8** (1985) p.299-303

A Neutron Diffraction Investigation of the Atomic and Magnetic Structure of Amorphous Dy7Ni3

PARKER J.M., CLARE A.G., SEDDON A.B.

Mat. Sci. Forum **5** (1986) p.257-262

Crystallisation Studies of Fluorozirconate Glasses

PARKER J.M., SEDDON A.B., AINSWORTH G.N., CLARE A.G.

Physics and Chemistry of Glasses 27 (1986) p.219-

Crystallisation Studies in the ZrF4-BaF2-NaF System

PARKER J.M., SEDDON A.B., CLARE A.G.

Physics and Chemistry of Glasses 28 (1987) p.4-

Crystallisation Studies in the ZrF4-BaF2-AlF3-LaF3-NaF System

SEDDON A.B., CLARE A.G., PARKER J.M., MORRIS J., PITT N.

Mat. Sci. Forum 19-20 (1987) p.398-404

Chloride Doped ZBLAN Glasses

SEDDON A.B., SHAH W.A., CLARE A.G., PARKER J.M.

Mat. Sci. Forum **19-20** (1987) p.388-397

The Effect of NaF on the Crystallisation of ZBLAN Glasses

WRIGHT A.C., CLARE A.G., ETHERINGTON G. SINCLAIR R.N., BRAWER S.A., WEBER M.J., .

Mat. Sci. Forum **19-20** (1987) p.157-160

The Structure of Vitreous NaF-DyF₃-BeF₂: A Neutron Diffraction and Molecular Dynamics Study

CARTER S.F., FRANCE P.W., MOORE M.W., PARKER J.M., CLARE A.G.

Physics and Chemistry of Glasses 28 (1987) p.188-195

The Crystallisation of a ZrF4-BaF2-LaF3-AlF3-NaF-PbF2 Core Glass for Infrared Fibres

WRIGHT A.C., PRICE D.L., CLARE A.G., ETHERINGTON G., SINCLAIR R.N.

Diffusion and Defect Data **53-54** (1987) p.255-263

Diffraction by Glasses with a Layer Structure

(Also selected for publication in special edition published in Chinese)

CLARE A.G. PARKER J.M.

SPIE Vol **1048** p.49-56 (1989)

Thermal and Mechanical Stresses in Fluoride Glass Optical Fibres

WRIGHT A.C., CLARE A.G., GRIMLEY D.I., SINCLAIR R.N.

J. Non-Cryst. Solids **112** p. 33-47 (1989)

Neutron Scattering Studies of Network Glasses

WRIGHT A.C., CLARE A.G., ETHERINGTON G., SINCLAIR R.N., BRAWER S.J., WEBER M.J.

J. Non-Cryst. Solids **111** p.139-152 (1989)

A Neutron Diffraction and Molecular Dynamics Investigation of the Structure of Vitreous Beryllium Fluoride

CLARE A.G., ETHERINGTON G. WRIGHT A.C., WEBER M.J., BRAWER S.J., KINGMAN D., SINCLAIR R.N.

J. Chem. Phys. **91** p.6380-6392 (1989)

A Neutron Diffraction and Molecular Dynamics Investigation of the Environment of Dy^{3+} in Fluoroberyllate Glass

CLARE A.G., WRIGHT A.C., SINCLAIR R.N., GALEENER F.L. GEISSBERGER A.E.

J. Non-Cryst. Solids **111** p.123-138 (1989)

A Neutron Diffraction Investigation of the Structure of Vitreous As 203

CLARE A.G., PARKER J.M.

Physics and Chemistry of Glasses **30** p.205-210 (1989)

The effect of Refractive Index Modifiers on the Thermal Expansion Coefficient of Fluoride Glasses

WILLIAMS D.L., CLARE A.G., SEDDON A.B.

Physics and .Chemistry of Glasses **31** p.64-70 (1990)

Crystallisation of Zr-Ba-La-Al-Li Fluoride Glasses

CLARE A.G., PARKER J.M., FURNISS D., HARRIS E.A., SEARLE T.M.

J. Phys.: Condensed Matter 1 p.8753 (1989)

Spectroscopy of U^{3+} in Fluoride Glasses

WHITTAKER D., CLARE A.G.

"Glasses for Electronic Applications" pp.111-121 Ed. K.M. Nair Ceramic Transactions Volume 20 (1990) American Ceramic Society

Preparation of Fluoroaluminate Glasses Containing Reduced Oxidation State Dopants

CLARE A.G., BACHRA B., WRIGHT A.C., SINCLAIR R.N.,

in The Physics of Non-Crystalline Solids 1992 eds. L David Pye, W.C. LaCourse, H.J. Stevens, Taylor and Francis, London p.48

The Structure of Sodium Silicate Glasses by Neutron Diffraction

FURNISS D., PARKER J.M., SEDDON A.B., CLARE A.G., HARRIS E.A., SEARLE T.M., STANLEY A.T. in The Physics of Non-Crystalline Solids 1992 eds. L David Pye, W.C. LaCourse, H.J. Stevens, Taylor and

Francis, London p.632

Uranium 3+ in fluoride glasses

WRIGHT A.C., CLARE A.G., BACHRA B., SINCLAIR R.N., HANNON A.C., VESSAL B.,

Trans Amer. Crystallographic Assoc. 27 1991 p. 239-254

Neutron Diffraction Studies of Silicate Glasses

WRIGHT A.C., BACHRA B., VESSAL B., CLARE A.G., SINCLAIR R.N., HANNON A.C.,

Proc. 2nd E.S.G. Int. Conf. on "Fundamentals of Glass Science and Technology", Venice June 21-24 1993

Supplement to "Rivista della Stazione Sperimentale del Vetro" Vol. XXIII 211-216

A Neutron Diffraction and Mlecular Dynamics Study of the Mixed Alkali Effect

WRIGHT A.C., CLARE A.G., BACHRA B., HANNON A.C., SINCLAIR R.N., VESSAL B.,

Proc. XVI Int. Cong. on Glass, Madrid, Oct 4-9 1992, Bol. Soc. Esp. Vid. 31C,3 77-82

A Neutron Diffraction Study of the Structure of Alkali Silicate Glasses

WRIGHT A.C., GRIMLEY D.I., BACHRA B., VESSAL B., CLARE A.G., SINCLAIR R.N.,

Proc. 11th Conf. on Glass and Ceramics, Varna Oct 25-27 1993

Neutron Scattering Studies of Oxide Glasses

MATTOS L., CLARE A.G.

Physics and Chemistry of Glasses 34 1993 244-250

The Crystallization and Optical Properties of f Gallium Cerium Lanthanum Sulfide Glasses

KING W.A., CLARE A.G., LACOURSE W.C.,

J. Non-Cryst. Solids 181 231 (1995)

Laboratory Preparation of Highly Pure As₂Se₃ Glass

LOBIONDO N.E., CLARE A.G., JONES L.E.

21st Biennial Conference on Carbon, June 13-18 1993 Extended Abstract p.34-35

Halogenated Glass Protection Systems for Carbon-Carbon Composites

CLARE A.G.

"Bioceramics: Materials and Applications" Ceramics Transactions Volume **48** Eds. Gary Fischman, Alexis Clare and Larry Hench 313-326

"Optical Fibers for Laser Surgery"

LOBIONDO N.E., CLARE A.G., JONES L.E.

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Halogenated Glass Protection Systems for Structural Carbon-Carbon Composites

CLARE A.G.

Glass Researcher Volume 3 Number 1 (1993) Bulletin of Glass Science and Engineering, New York State College of Ceramics at Alfred University

Fluorescence: An Alternative Method for Examining Redox Behavior

JONES L.E., CLARE A.G., GERLING D.

Glass Researcher Volume 3 Number 1 2 (1994) Bulletin of Glass Science and Engineering, New York State College of Ceramics at Alfred University

Evolution of NOx and SOx from Silicate Glasses

JONES L.E., CLARE A.G., GERLING D.

Glass Researcher Volume 4 Number 1 (1994) Bulletin of Glass Science and Engineering, New York State College of Ceramics at Alfred University

Emissions Concerns for Glass Manufacturing

WRIGHT A.C., VESSEL B., BACHRA B., HUME R.A., CLARE A.G., GRIMLEY D.I., SINCLAIR R.N.,

Materials Research Society Symposium Proceedings **367** 635-659 (1995)

Neutron Scattering Studies of Network Glasses

CLARE A.G.

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Glass Optical Fibers in Medicine

VEDISHCHEVA N.M., SHAKHMATKIN B.A., SCHULTZ M.M., VESSAL B., WRIGHT A.C., BACHRA B., CLARE A.G., HANNON A.C. and SINCLAIR R.N.,

J. Non-Cryst. Solids 192-193 292-7 (1995)

A Thermodynamic, Molecular Dynamics and Neutron Scattering Investigation of the Distribution of Teetrahedral Si Species and the Network Modifying Cation Environment in Alkali Silicate Glass

WRIGHT A.C., HANNON A.C., VESSAL B., SINCLAIR R.N., GRIMLEY D.I., BACHRA B., CLARE A.G. Proc. Otto Schott Symposium, Jena July 11-14 1994

Neutron Scattering Studies of Glasses

CAO Y., CORMACK A.N., CLARE A.G., BACHRA B., WRIGHT A.C., SINCLAIR R.N., HANNON A.C., Proc. Pacific Rim Meeting of the American Ceramic Society November 1993

Points of Contact Between Theory and Experiment: A Comparison of Molecular Dynamics and Neutron Diffraction Results

CLARE A.G.

Science World 53 [6] 13 91996)

High Tech Glasses

CLARE A.G., WRIGHT A.C., SINCLAIR R.N

J. Non-Cryst Solids 213 & 214 (1997) 321-324

A Comparison of the Structural Role of Na+ Network Modifying Cations in Sodium Silicate and Sodium Fluoroberyllate Glasses

KING W.A., CLARE A.G., LACOURSE W.C., VOLIN K., WRIGHT A.C., WANLESS A.J.

Physics and Chemistry of Glasses 38 (1997) 269-76

A Neutron Scattering Study of As₂Se₃ Glass Fibers

VEDISCHEVA N.M., SHAKHMATKIN B.A., SHULTZ M.M., VESSAL B., WRIGHT A.C., BACHRA B., CLARE A.G., HANNON A.C., SINCLAIR R.N.

J. Non Cryst. Solids 192 & 193 1995 292-297

A Thermodynamic, Molecular Dynamics and Neutron Diffraction Investigation of the Distribution of Tetrahedral {Si(n)} Species and the Network Modifying Cation Environment in Alkali Silicate Glasses

CLARE A.G.

Perspective from a University with and Industry Funded Research Program

pp1-8 National Research Council Russian Academy of Sciences Technology Commercialization: Russian Challenges, American Lessons National Academy Press Washington DC (1998)

AMY B. JEDLIKA, CLARE A.G.

Advances in the Fusion and Processing of Glass II Vol 82, Transactions of the American Ceramic Society (1998)

Biological Interactions with Glass Surfaces

KUCUK A., CLARE A.G., JONES L.E.

Advances in the Fusion and Processing of Glass II Vol 82, Transactions of the American Ceramic Society (1998)

Density and Surface Tension of Glass Meltsas a Function of Composition at 1400C

JONES L.E., LARSON E.D. SAMEDHI T.W. CLARE A.G

Advances in the Fusion and Processing of Glass II Vol 82, Transactions of the American Ceramic Society (1998) pp 81-84

Emissions Produced Upon Processing Silicate Glasses

WRIGHT A.C., CLARE A.G., CHO J., FELLER S. HANNON A.C., JOHNSON B.C. MARTIN S.W., POLYAKOVA I.G., ROYLE M. L., SENAPATI U., SHAKHMATKIN B.A., SINCLAIR R.N, VEDISCHEVA N.M., VENHUIZEN P., WILLIAMS R.B.

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Neutron Scattering Studies of Oxide and Chalcogenide Glasses

KUCUK A., CLARE A.G., JONES L.E.

Proc. XVIII International Congress on Glass Eds. Manoj K. Choudhary, Norman T. Huff and Chrales H.

Drummond Published on CD ROM by the American Ceramic Society

Density and Surface Tension of Glass Melts

CLARE A., BURDICK V., WENZEL J.,

Proc. Unified International Technical Conference 2 1137-1144(1998)

Refractories Education in the United States of America

CLARE A.G.

"Technology Commercialization; Russian Challenges, American Lessons" National Research Council, Russian Academy of Sciences, National Academy Press, Washington DC 1998 pp. 1-8

Perspective from a University with an Industry-Funded Research Program

KUCUK A., CLARE A.G.

Journal of Optical Materials 13 (1999) 279-287

Optical Properties of Cerium and Europium Doped Fluoroaluminate Glasses

KUCUK A., CLARE A.G., JONES L.E.

Glass Technology 40 (5) (1999) 149-153

Estimation of Surface Tension for Silicate Glass Melts at 1400°C Using Statistical Analysis

LEE S.H. and CLARE A.G

"In Vitro Bioresorbable Fiber Dissolution,"

pp. 113-27 in Ceramic Transactions, Vol. 110, Bioceramics: Materials and Applications III. Edited by L.

George, R. P. Rusin, G. S. Fischman, and V. Janas. American Ceramic Society, Westerville, 1999.

KUCUK A., CLARE A.G., JONES L.E.

J. Non-Cryst. Solids 261(1) 2000 28-38

Differences Between Surface and Bulk of Glass Melts I: Compositional Differences and Influence of Volatitlization on Composition and the Physical Properties

CLARE A.G. and AMES D

Probing Glass Oxidation States Using Fluorescence Spectroscopy

Glass Researcher 10[1] 15 (2000)

KUCUK A., CLARE A.G., JONES L.E.

Physics and Chemistry of Glasses 41 (2000) 75-80

Differences Between Surface and Bulk of Glass Melts II: Influence of Redox Ratio on Surface Properties of Silicate Melts

KUCUK A., CLARE A.G., JONES L.E.

Glastech. Berichte Glass Sci. Technol. 73 (5) 2000 1-7

The Influence of various Atmospheres on the Surface Properties of Silicate Melts

AMY B. JEDLIKA, CLARE A.G.

Ceramic Transactions 101 (1999) 219-229 Surface Active Processes in Materials

The Differential Response of Cultured Mammalian Cells to Commercial Silicate Glasses

KUCUK A., CLARE A.G., JONES L.E., CORMACK A. CAO Y.

Glastech. Berichte Glass Sci. Technol. 73 C2 430-440 2000

The Bulk and Surface Structure of Potassium and Lithium Silicate Melts at 1700K: A Comparison of Data from Sessile and Pendant Drop Measurements and Molecular Dynamics Simulations

SAMADHI T.W., ELLIOTT J. JONES L.E. CLARE A.G.

Glastech. Berichte Glass Sci. Technol. 74 2001

Sodium Sulfate decomposition in dry atmospheres

SAMADHI T.W., JONES L.E. CLARE A.G.

Glastech. Berichte Glass Sci. Technol. **73 C2** 361-369 (2000)

Decomposition of Sodium Sulfate as Influenced by Carbon

CLARE A.G., DRESCHER H., RHEINBERGER V. HOELAND W.,.

Glastech. Berichte Glass Sci. Technol. 73 C1 278-286 2000

The Role of the Chemistry of the Oxide Surface Layer of ^{IPS}d.SIGN Alloys on the Quality of ^{IPS}dSIGN Glass Ceramic Coatings

SAMADHI T.W., JONES L.E. CLARE A.G.

Ceramic Transactions vol. **119** Environmental Issues and Waste Management Technologies in the Ceramic and Nuclear Industries 517-524 (2001)

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JEDLICKA A.B., CLARE A.G.

Journal of Non Crystalline Solids **281** 6-24 (2001)

Chemical Durability of Commercial Silicate Glasses, Part 1 of 2: Materials Characterization

CLARE A.G. SCHRADER A.B.

Proc. SPIE vol 4102 2000

Water Content effect on Neodymium-Doped Fluorozirconate and Fluoroaluminate Glasses

JONES L.E., SAMADHI T.W., CLARE A.G.

SOx Emissions from Silicate Glass Batches

Ceram Eng. Sci Proc. 22[1] 165-74 (2001)

HALL M.M., CLARE A.G.

Protein Binding Affinity at Glass Surfaces

Proc. International Congress on Glass 2 911 (2001)

CLARE A.G.

Using the Sessile Drop and Pendant Drop Methods to Measure Density and Surface Tension The Glass Researcher **10-11** [2-1] (2001) 30-2

CLARE A.G.

NY State Technology Grant Focuses on Photonics Education and Training The Glass Researcher **10-11** [2-1] (2001) 54

CLARE A.G.

Physics and Chemistry of Glasses special edition (International Congress on Glass Invited Papers) 2001 Glass Science Education at Alfred University

CLARE A.G.

Fabrication of Novel Optical Fiber Configurations: A Glass Science Viewpoint Glass Sci. Technol. **75** C1 pp.181-191 2002

CLARE A.G. WING D KUCUK A. JONES L.E.

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CLARE A.G.

Photonics a Light Introduction Am. Ceram. Soc. Bull.82[6] 17-22 (2003)

CLARE A.G. HALL M.M. KORWIN-EDSON M.L., GOLDSTEIN A.H.

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Journal of Physics Condensed Matter 15 (31) S2365-S2375 (2003)

KORWIN-EDSON M.L., CLARE A.G., HALL M.M. GOLDSTEIN A.H. *Biospecificity of glass surfaces:* streptavidin attachment to silica Journal of Non-Crystalline Solids, Volume **349**, 1 December 2004, Pages 260-266

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CLARE A.G. and DeWAAL, H

New Technical Committee for ICG,

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SAMAHDI T.W. JONES L.E. KROPACEV A. CLARE A.G.

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J Amer. Ceram. Soc. 87 1210-1215 (2004)

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The Effects of Vanadium Additions on the Surface Tension of Soda Lime Silicate Melts Ceramic Transactions **141** Eds. J.R. Varner, T Seward, Helmut A, Schaeffer

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Density and Surface Tension of Borate Containing Glass Melts

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CLARE A.G. KING W.A. LaCOURSE W.C.

Forming Behavior and the Structure of Glasses

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WING D. CLARE A.G. JONES L.E.

Effects of Redox State and Atmosphere on the Surface Tension of Iron-Containing Soda Lime Silicates Glass Science and Technology **78** 117-124. (2005)

HALL M.M. CLARE A.G.

Influence of Glass Dissolution Products on the Detection of Proteins by Silver Staining Journal of Biomedical Materials Research Part B **75B** 435-441 (2005)

ZHENG Y. CLARE A.G.

Rare Earth Doped Glasses for Coversion of Near Ultraviolet Light to White Light Physics and Chemistry of Glasses. Vol. 46, no. 4, pp. 467-471. 2005

RASZEWSKI F., CLARE A.G.

Thermal Analysis of Glass Covered Amorphous Metal Wire and Ribbon Physics and Chemistry of Glasses. Vol. 46, no. 4, pp.451-456. 2005

. HALL M.M. CLARE A.G.,

Effect of Excess Methanol on the Morphology of Sonogel-Derived Silica Journal of Sol-Gel Science and Technology (2007) **41** 107-112

INVITED TALKS

	INVITED TALKS
1993	The Electrochemical Society, Toronto Canada
	Non Linear Optical Glasses
1994	Invited Speaker; Bioceramics Workshop, Alfred, June 8-10 1994
	"Fiber Optics for Laser Surgery"
1994	Invited Speaker 90th Birthday Symposium for Norbert Kreidl,
	Liechtenstein, July 3-8 "What's New for Lasers and Fiber Optics in
	Medicine"
1996	Invited Speaker Basic Science Division of American Ceramic Society;
	"Bioresorbable Glasses and Glass Ceramics"
1997	Invited Speaker American Ceramic Society Annual Meeting Student Forum
	Glasses for Photonic Applications
1999	Invited Speaker Glass and Optical Materials Division of American Ceramic Society;
	"Biological Reactions of Silicate Glasses"
2000	Student Congress Keynote Address, Cocoa Beach FL 23-25 Jan 2000
2000	International Commission on Glass Annual Meeting Gottardi Prize Lecture "Some
Curious	
	Characterizations of Glass"
1992-Present	Seminars at University of Cincinnati, University of Toronto, RPI, University of Iowa,
	University of Missouri-Rolla, Pilkingtons, Johns Manville, PPG, British Telecom
• • • • •	SUNY Stony Brook, Cornell University (3), University of Rochester, RIT
2000	NICE Student Congress Keynote Address, Cocoa Beach FL 23-25 Jan 2000
2000	Vittorio Gottardi Prize Lecture, International Commission on Glass Annual Meeting,
2001	Amsterdam, Holland, May 2000
2001	International Congress on Glass July 2001"Education of Glass Scientists in the United
2001	States"
2001	The Annual Meeting of the European Ceramic Society "Distance Learning in Ceramic
2001	Engineering" Lavited Discussion Loaden for Experiencelly Conded Discussions at the Conden
2001 Conference	Invited Discussion Leader for Functionally Graded Biomaterials at the Gordon
Conference	for Ceramics
2002	First International Workshop on Glass and the Photonics Revolution Bad Soden Germany
2002	Glass and Optical Materials Division Meeting Pittsburgh PA (2 invited talks)
2002	Seminars at University of Albany, Coe College, NRL, Virginia Tech., University of
2003	Washington, University of Illinois, Ohio State University
2003	University Conference on Glass RPI, "Biomolecular Specificity of Glass Surfaces"
2004	Invited Seminars at Guardian Industries, Johns Manville, Syracuse University, GMIC
2 007	Glass Art and Science Seminar, The IT Collaboratory Meeting at RIT
2004	Invited Participant International Congress on Glass Kyoto, Japan
2004	Advisory Board for NSF International Materials Institute on New Functionality of Glass
2005	Invited Speaker University Conference on Glass, The Pennsylvania State University
2005	Invited Speaker at the Vth International Conference on Borate Glasses and Melts

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