Institution	Awarde	Project
	:	2023
University of North Carolina Asheville	Amanda Wolfe	Developing novel antibiotics and adjuvants to combat pathogenetic bacterial infections.
Creighton University	Eric Villa	Bridging Solution- and Solid-State Chemistries: Exploring Polyoxometalate Ion Reactivity and Targeted Syntheses of Lanthanide Materials
California State University, Chico	Monica So	Charge Transport of Complex Materials
St. Bonaventure University	Scott Simpson	Using Computational Chemistry to Solve Environmental Problems
High Point University	Heather Miller	Molecular mechanisms behind small molecule adjuvants that combat MRSA
William & Mary	Tyler Meldrum	Understanding macroscopic material behavior by measuring microscopic molecular motion via single-sided NMR relaxometry
Western Washington University	Tim Kowalczyk	Excited-state electronic structure driven design of photoactive organic materials
Lafayette College	Michael Bertucci	Characterizing and Modulating Bacterial Quorum Sensing Systems with Synthetic Peptides
		2022
James Madison University	Paul Raston	Characterization of fundamental prebiotic molecules of astrochemical significance
California State University, Northridge	Maosheng Miao	Improving Design of Materials by Exploring and Utilizing Novel Chemistry
California Polytechnic State University, San Luis Obispo	Andres Martinez	Applying fundamental analytical chemistry to the development of point-of-care diagnostics
San Francisco State University	Misty Kuhn	Exploring structure/function relationships of diverse Gcn5-related N-acetyltransferases
Reed College	Kelly Chacón	Spectroscopic studies of chalcogen-detoxifying proteins in bacteria
Tennessee Technological University	Jesse Carrick	Synthetic Approaches to Minor Actinide Separations from Lanthanides Contained within Spent Nuclear Fuel
Macalester College	Dennis Cao	Sulfur-enhanced Mellophanic Diimide Acenes and Ions
Occidental College	Jeffrey Cannon	New Umpolung Carbon-Carbon Bond-Forming Reactions
		2021
Western Washington University	Amanda Murphy	Chemical Strategies to Customize Protein and Polymer-based Biomaterials
Chaminade University of Honolulu	Katelynn A. Perrault	Nontargeted Volatile Analysis of Batch and Longitudinal GCxGC Data with Machine Learning
Santa Clara University	Grace Stokes	Quantification of Heavy Metal Ion Transport Across Bacterial Membranes
California State Polytechnic University, Pomona	S. Chantal E. Stieber	Synthesis and Spectroscopy for Elucidating NO2- Reduction Mechanisms
University of Colorado Denver	Marino Resendiz	Structure-Function Relationships of Chemically Modified RNA: The Quest to Retain Students in Chemistry
Haverford College	Kristen Whalen	Decoding the Ccean's Chemoinformatic Landscape: Explorations in Chemical-Mediated Interactions in the Ocean
Franklin & Marshall College	Christine Phillips-Piro	Building Tools and Engineering Functionality: Utilizing Unnatural Amino Acids to Study Proteins

<u>Institution</u> Barnard College of Columbia University <u>Awarde</u> Michael Campbell <u>Project</u> Chemistry of Dinuclear Silver Complexes

		2020
Western Washington University	David A. Rider	Research at the Intersection of Polymer Chemistry, Applied Polymer Science and Nanomaterials
Pomona College	Nicholas D. Ball	New One-Electron Strategies in S(VI) Fluoride Chemistry
Sam Houston State University	Christopher E. Hobbs	Recycling Polymer-Supported Catalysts from Monomer to Polymer and Back to Monomer
Creighton University	Kayode D. Oshin	Developing New Catalyst Systems for Atom Transfer Radical Addition (ATRA) Reactions
Towson University	John D. Sivey	Environmental Transformations Involving Commonly Overlooked Constituents in Disinfected Water and in Agrochemical Formulations
Lafayette College	Lindsay Soh	Designing Sustainable Biorefinery Products and Processes using Green Chemistry and Engineering
Skidmore College	Juan G. Navea	Shedding Light on Atmospheric Interface Processes through Undergraduate Physical Chemistry Research
Mount Holyoke College	Katherine E. Berry	Molecular Mechanisms of Bacterial RNA-Binding Proteins
	2	2019
San Jose State University	Lionel Cheruzel	Light-Driven P450 Biocatalysis Featuring Ru(II)-Diimine Complexes
Santa Clara University	Paul Abbyad	Sorting Cancer Cells Based on Metabolism Using Droplet Microfluidics
University of North Florida	Amy L. Lane	Revealing Biosynthetic Secrets to Unleash Nature's Chemical Aptitude
Furman University	Mary Elizabeth Anderson	Bottom-Up Assembly of Nanomaterials: Investigating Fundamentals of Formation to Tailor Material Structure and Properties
The College of William & Mary	William R. McNamara	Catalyst-Sensitized Metal Oxides for Photocatalytic Hydrogen Generation
Swarthmore College	Christopher R. Graves	Enabling New Catalytic Chemistry for Aluminum with Non-Innocent and Redox-Active Ligands
Haverford College	Louise K. Charkoudian	Unveiling Molecular Underpinnings of Natural Product Biosynthesis
Wellesley College	Rachel H. R. Stanley	The Gas Toolbox: Chemical Clues for Understanding the Effect of Climate Change on the Ocean
		2018
Santa Clara University	Korin E. Wheeler	Toward Prediction of Nanoparticle Biomolecular Interactions and Reactivity
University of Colorado Denver	Jefferson Knight	Chemistry of Interfacial Protein-Membrane Interactions Central to Insulin Secretion
University of Wisconsin-Stevens Point	Nathan Bowling	Controlling Conformations of Unsaturated Molecules
Butler University	R. Jeremy Johnson	Mycobacterial Serine Hydrolases and their Roles in Dormant Tuberculosis Infection
Furman University	Greg Springsteen	Protometabolic Pathways Toward the Origin of Life
The College of William & Mary	Kristin L. Wustholz	Development of Stimulus-Responsive SERS Probes for Biosensing
James Madison University	Nathan T. Wright	Towards Stabilizing Disease-causing Desmoplakin Mutations

<u>Institution</u> Lafayette College	<u>Awarde</u> Justin K. Hines	<u>Project</u> Impact of Amino Acid Content on Amyloid and Molecular Chaperone Interactions in Live Cells
	20	017
Western Washington University	John D. Gilbertson	Bioinspired Movement of Protons and Electrons for Small Molecule Activation
Reed College	Juliane L. Fry	NOx and Particulate Matter: Determining the Chemical Mechanisms Behind Regional Air Pollution
Santa Clara University	Amelia A. Fuller	New Functions of Biomimetic Oligoamides as Sensors for Water Contaminants
University of San Diego	Lauren Benz	The Surface Chemistry of Complex Materials
Central Michigan University	Benjamin M. Swarts	Illuminating the Mycobacterial Cell Wall through Undergraduate Chemical Biology Research
The College of William & Mary	Douglas D. Young	Application of Unnatural Amino Acids to Prepare Multivalent Bioconjugates
Haverford College	Helen K. White	Physicochemical and Biochemical Insights into the Cycling of Organic Contaminants in Marine Environments
	20	016
University of San Diego	Timothy B. Clark	Metal-Catalyzed Borylation Reactions
Pomona College	Jane M. Liu	Molecular Understanding and Applications of Bacterial RNAs
Carleton College	Matthew T. Whited	Exploiting Metal/Main-Group Cooperation in Small Molecule Activation
University of Richmond	Kelling J. Donald	Weak Interactions and Chemical Bonding Phenomena in Inorganic and Organic Systems: Understanding, Predicting, and Applying
Swarthmore College	Liliya A. Yatsunyk	Deciphering the Structure and Dynamics of Quadruplex DNA and DNA-ligand Complexes
Franklin & Marshall College	Katherine E. Plass	Engineering Copper Sulfide Nanoparticles to Modulate Ion Exchange and Photocatalysis
The State University of New York at Potsdam	Fadi Bou-Abdallah	Iron Oxidation and Deposition Mechanisms in WT Heteropolymer Ferritins and Ferritin Variants Causing Neuroferritinopathy
	20)15
Western Washington University	Paul Clinton Spiegel	Structure and Function of Ribosome-Dependent GTPases and Blood Coagulation Factor VIII
Doane University	Andrea E. Holmes	DETECHIP: The Development of a Solid Supported Chemical Sensor Array
St. Olaf College	Dipannita Kalyani	Pd- and Ni-Catalyzed Carbon-Carbon Bond Formations
Hope College	Jeffrey B. Johnson	Carbon-Carbon Single Bond Activation: Mechanistic Understanding Leading to New Methodology
The College of William & Mary	Jonathan R. Scheerer	Studies Directed Toward the Synthesis, Reactivity, and Application of Polycyclic Alkaloid Natural Products
Haverford College	Casey H. Londergan	Development of Site-Specific Vibrational Probes of Dynamic Protein Structure
Franklin & Marshall College	Scott H. Brewer	Exploring Protein Structure and Hydration with Spectroscopic Reporter Unnatural Amino Acids and Modified Nucleosides

Institution	Awarde	<u>Project</u>
	20)14
Western Washington University	Gregory W. O'Neil	New Sulfone and Silicon-Based Methods for Complex Target Oriented Synthesis
University of Colorado Denver	Hai Lin	Open-Boundary QM/MM Methods for Multiscale Modeling and Simulations of Chemical Reactions in Complex Environments
Gustavus Adolphus College	Dwight R. Stoll	Fundamental studies in two-dimensional liquid chromatography – Informing the next era in liquid chromatography
Calvin College	Douglas A. Vander Griend	Thermodynamic Modeling of Molecular Ensembles in Solution, from Supramolecular Assemblies to Biomolecules
Hope College	Jason G. Gillmore	Synthesis, Photochemistry, Electrochemistry & Computation: Undergraduate Research Toward Photochromic Photooxidants
Haverford College	Joshua A. Schrier	Designing Organic Semiconductors, Gas Separation Membranes, and Inorganic Solids
Hamilton College	Myriam L. Cotten	
	20	013
Claremont McKenna College	Kathleen L. Purvis-Roberts	Chemical Mechanism for Particulate Matter Formation from Amines Utilized in Carbon Sequestration Technologies
Harvey Mudd College	David A. Vosburg	Biomimetic Synthesis and Molecular Self-Assembly
Macalester College	Paul J. Fischer	Studies on Group VI and Group VIII Metal Complexes of Donor- Functionalized Cyclopentadienyl and Anionic Bis(phosphino)borate Ligands
Oberlin College	Catherine M. Oertel	Materials Old and New: Solvothermal Synthesis of Complex Oxides and their Role in Corrosion Mechanisms
University of Richmond	Chiles Wade Downey	Silyl Triflates in the Development of New One-Pot Reactions for the Production of Synthetic Building Blocks
Villanova University	Amanda M. Grannas	Characterization and reactivity of natural organic matter in environmental ices relevant to atmosphere/snow/ice interactions and glaciology
Bowdoin College	Danielle H. Dube	Chemical tools to discover & target Helicobacter pylori's glycoproteins
	20	012
University of San Diego	Peter Iovine	Undergraduate Research and Mentoring in Polymeric Materials: Polymers and Self-Assembled Structures from Plant-Derived Biopolymers
Southwestern Oklahoma State University	Tim Hubin	Development and Screening of Transition Metal Complexes as Chemokine Receptor Antagonists
University of Wisconsin-Eau Claire	Kurt Wiegel	Enhanced Stability and Formation of Hydrogen-bonded Mesophases in Macromolecules
University of South Alabama	Alexandra Stenson	Chromatographic and Mass Spectral Characterization of Environmental Mixtures
Savannah State University	Hua Zhao	Accelerating Enzymatic Hydrolysis of Cellulosic Biomass by Ionic Liquid Pretreatment
Furman University	Brian Goess	Total Synthesis of Furanosteroids
Lafayette College	James Ferri	Toward Stimulus-Responsive Stability Control in Fluid/Fluid Dispersions using Functionalized Nanoparticles

Institution	Awarde	Project
	2	2011
University of San Diego	Jeremy Kua	Multiscale Modeling of Formaldehyde Chemistry
Oberlin College	Rebecca Whelan	Analytical approaches to the characterization and detection of ovarian cancer biomarker proteins
Swarthmore College	Stephen Miller	Biochemical and structural studies of interspecies bacterial communication
Bard College	Craig M. Anderson	Synthesis, Characterization, and Reactivity of Hetero-Multinuclear, Anti-Cancer, Metal Complexes
Wellesley College	Donald E. Elmore	Characterization of a Histone-Derived Peptide Library
Mount Holyoke College	Megan Núñez	Biophysical Chemistry of DNA Damage and Bacterial Predation
	2	010
Chapman University	Christopher Kim	Nanoscale Environmental Chemistry: Studies of Metal Adsorption / Desorption Interactions with Iron Oxyhydroxide Nanoparticle Aggregates
The College of William & Mary	Elizabeth Harbron	New Stimulus-Responsive Fluorescent Systems: Rhodamine Spirolactam Sensors for Mercury and pH
University of Richmond	Michael Leopold	Nanoparticle Film Assemblies as Interfaces for Protein Adsorption and Electrochemistry – Amperometric Sensing Materials for Biomedical Applications
Haverford College	Alexander Norquist	Organically Template Vanadium Tellurites: A New Target for Novel Microporous Materials
Colby College	Jeffrey Katz	The Development and Quantitative Measurement of Acetylene- Activated SNAr Reactions and their Application for Complex Macrocycle Synthesis
Amherst College	Anthony Bishop	Target-Specific Control of Protein Tyrosine Phosphatase (PTP) Activity: Chemical-Genetic Tools for the Study of PTP-Mediated Cell Signaling
	2	009
California State University, Northridge	Jussi Eloranta	Spectroscopy in condensed phases
Trinity University	Adam Urbach	Rigid receptors for multivalent peptide recognition
Eastern Illinois University	Sean Peebles	Microwave spectroscopic studies of transition metal complexes prepared by laser ablation
Oberlin College	Manish Mehta	Ab initio, diffraction, and NMR studies of solvation and hydrogen bonding in small peptides in condensed phases
Bucknell University	Eric Tillman	Direct synthesis of cyclic polymers using nitrones
College of the Holy Cross	Kenneth Mills	The mechanism of protein splicing: non-canonical inteins
Smith College	Kate Queeney	Nanoscale topography in a beaker: characterization and development of patterned Si surfaces
	2	008
San José State University	Gilles Muller	Development of Circularly Polarized Luminescence as an Attractive Complementary Method to the Presently Available Techniques for Probing Specific Chiral Structural Changes
California State University, Long Beach	Xianhui Bu	Chirality in Metal-Organic Framework Materials

Institution	Awarde	Project
Williams College	Thomas E. Smith	Asymmetric Methods for the Synthesis of Pyran-Based Anticancer Natural Products
Smith College	Shizuka Hsieh	Photochemistry and Overtone-Initiated Chemistry of Atmospheric Hydroperoxides
University of Puerto Rico, Mayagüez Campus	Belinda Pastrana-Rios	An Interdisciplinary Approach Towards the Study of Proteins and Protein-Protein Interactions: From Bioinformatics to Molecular Biophysics
	2	007
California State University, Northridge	Thomas G. Minehan	Development of Green Methodology for the Synthesis of 2-deoxy-ß- C-Aryl Glycosides and Application to the Preparation of Natural Products and Nucleoside Analogs.
Trinity University	Bert D. Chandler	Functional Bimetallic Model Catalysts: Nanoparticle Chemistry and Reaction Kinetics for Characterizing, Evaluating, and Understanding the Active Sites in Heterogeneous Catalysts.
Kenyon College	Mo Hunsen	Green Chemistry: Chemical, Enzymatic, and Enzychemical Catalysis for the Synthesis of Novel Glycosidase Inhibitors and Biodegradable Polymers.
College of Charleston	Pamela J. Riggs-Gelasco	Oxygen Activation by Metalloenzymes: The case of Ribonucleotide Reductase from Coryneform ammoniagenes and its facultative metal cofactor.
University of Richmond	Michelle L. Hamm	Studies into the base pairing, repair and replication of the prominent promutagen 8-oxo-2'-deoxyguanosine using modified nucleotides.
Wellesley College	Nolan T. Flynn	Development of an electrochemical method for triggering the assembly of metal nanoparticles in aqueous solution.
Mount Holyoke College	Maria Gomez	The Elusive Proton: Finding Conduction Pathways in Solid and Liquid Phases.
	2	006
Macalester College	Keith T. Kuwata	Computational studies of oxidation intermediates that serve as aerosol precursors and free radical sources in the troposphere
University of Wisconsin-Eau Claire	Stephen Drucker	We will use jet-cooled cavity ringdown spectroscopy to characterize a series of cyclic enones in their triplet excited states.
University of South Alabama	David C. Forbes	Thermally induced decarboxylation of carboxymethylsulfonium betaines results in formation of the corresponding sulfur ylides in situ.
University of North Carolina at Wilmington	Michael Messina	Viewing enzyme active sites as "quantum controllers" of proton transfer, we propose a quantum control study of the quantum dynamics of proton transfer and tunneling in enzyme active sites.
The College of William & Mary	John C. Poutsma	Investigation the consequences of non-protein amino acid substitution on the thermochmistry and fragmentation patterns of small peptides
College of the Holy Cross	Kimberley A. Frederick	Studies of flow processes in microfluidic systems involving polyelectrolyte multilayers, thermoresponsive polymers and guanosine gels
Mount Holyoke College	Wei Chen	Probing the Fundamentals of Wetting and Biocomptibility for the Design of New Materials
	2	005

New Mexico Institute of Mining Donald H. Weinkauf and Technology

Conformal plasma polymer coatings for the surface modification of micon and nanoscale particles: reactor design and coating characterization

Institution	Awarde	Project
Furman University	Jeffrey T. Petty	Small silver and platinum nanoclusters will be investigated for their potential use as fluorescent biological labels and as chiral catalysts.
University of Richmond	Carol A. Parish	Computational investigations of biologically important systems: Determining the conformational flexibility of HIV protease inhibitors and the cyclization barriers in enediyne warhead drugs.
Swarthmore College	Kathleen P. Howard	Development and application of spectroscopic methods (NMR and EPR) to the conformational analysis of membrane-bound viral proteins
State University of New York at Geneseo	Wendy K. Pogozelski	We will measure deletion events in mitochondrial DNA as a function of gamma ray dose and investigate the effect on NADH:Q oxidoreductase.
Barnard College	Linda H. Doerrer	Transition metal complexes with fluorinated aryloxide ligands are investigated for reactivity with strongly oxidating reagents and potential organic substrate oxidation.
Mount Holyoke College	Darren G. Hamilton	Design, synthesis, and characterization of self-organizing molecular systems expressing useful emergent properties.
	2	004
Santa Clara University	Michael R. Carrasco	Site-specific attachment of small organic molecules to peptides and proteins; structure and function of peptides and proteins altered by attached molecules.
California State University, Los Angeles	Matthias Selke	The reactivity, kinetics, and mechanisms of singlet oxygen reactions with metal-bound amino acids and heteroatoms.
Wheaton College	Daniel L. Burden	The use of single-molecule techniques for the study of ion-channel dynamics and the optical manipulation of DNA.
Concordia College	Darin J. Ulness	An investigation of the fundamental behavior of light-matter interaction in liquids using noisy light spectroscopy.
University of Wisconsin-Eau Claire	James A. Phillips	Matrix-isolation FTIR-spectroscopic, computational, and crystallographic studies of condensed phase effects on structure in nitrile donor-acceptor complexes.
University of the Sciences in Philadelphia	Guillermo Moyna	Use of theoretical 13C chemical shift surfaces and experimental NMR data in the study of the conformation and dynamics of histo-blood group antigen oligosaccharides.
Colby College	Julie T. Millard	Small molecule-DNA interactions with an emphasis on the mechanism of anti-cancer activity.
Bates College	Rachel N. Austin	The reaction mechanisms and active site structures of diiron monooxygenases.
Amherst College	Sandra L. Burkett	Polymerization from inorganic lamellae: nanocomposites of polymer brushes and organically functionalized synthetic clays.
	2	003
Occidental College	Eileen M. Spain	Interfacial chemistry of microbial processes relevant to biofilms and nanotechnology
Wabash College	Scott E. Feller	Computational studies of lipid-protein interactions
Oberlin College	Matthew J. Elrod	Overall rate constant and branching ratio kinetics measurements of the reaction of alkene-derived peroxy radicals with nitric oxide
Furman University	Paul S. Wagenknecht	Exploitation of metal complexes of new constrained macrocyclic ligands in electronic energy transfer studies and catalysis
James Madison University	Gina M. MacDonald	An infrared investigation of substrate binding, salt effects and domain movement in yeast phophoglycerate kinase

Institution	Awarde	Project
Swarthmore College	Paul R. Rablen	A Computational Investigation of the Mechanism of Addition of Carbenes to Bicyclobutanes and Cyclopropenes
Mount Holyoke College	Sean M. Decatur	Studies of protein folding and misfolding in vitro: isotope-edited infrared spectroscopy of protein aggregates
		2002
Western Washington University	James R. Vyvyan	Computational investigation of phenol epoxide cyclizations
Trinity University	Christopher Pursell	Heterogeneous chemistry on solid films of nitric acid, ammonia, and hydrogen sulfide
Missouri State University	Mark M. Richter	Electrochemiluminescence of ruthenium(II) polyazine complexes containing crown-ether moieties in the presence of metal ions
The University of North Carolina at Charlotte	Daniel Rabinovich	An investigation of the syntheses and structures of nickel compounds in a sulfur-rich environment that mimics hydrogenase enzymes
The College of William & Mary	Robert J. Hinkle	Rearrangements and substitution reactions in beta,beta-disubstituted alkenyl(aryl)iodonium salts: exploiting the extremely labile aryliodonio moiety
Haverford College	Karin S. Akerfeldt	Synthetic peptides: applications to Ca2+-binding proteins of the EF- hand type, voltage-gated ion channels and novel biomaterials
		2001
Western Washington University	David L. Patrick	Liquid crystal solvents for engineered growth of molecular electronics materials
Occidental College	Michael G. Hill	In Vitro selection of redox-active ribozymes featuring transition- metal cofactors
California State University, Los Angeles	Feimeng Zhou	DNA sensing and protein metal-electron transfer at the metal- solution interface
Illinois Wesleyan University	Ram S. Mohan	Environmentally friendly organic synthesis using bismuth compounds
University of Wisconsin-Eau Claire	Jason A. Halfen	Analysis of the molecular architecture of copper catalysts for olefin aziridination
		2000
California State University, Fullerton	Fu-Ming Tao	Computational investigation of atmospheric oxidation chemistry of volatile organic compounds
Furman University	John F. Wheeler	Preparation and characterization of DNA-binding and potential photonuclease activity of several chiral transition metal complexes
The University of North Carolina at Greensboro	Alice E. Haddy	Enzymatic and electron paramagnetic resonance characterization of anion inhibitors of chloride-activated oxygen evolution
Swarthmore College	Robert S. Paley	The chemistry of enantiopure 1-sulfinyl diene iron(0) tricarbonyl complexes
Carnegie Mellon University	David J. Yaron	Development of semiempirical quantum chemistry models for the photophysical and electronic properties of conjugated polymers and other organic semiconductors
		1999
Fort Lewis College	Robert E. Milofsky	Type II Photooxidation of Substituted Pyrroles: Towards the

Development of Solid- and Liquid-Phase Reactors for Environmental and Biomedical Analysis

Institution Hope College	<u>Awarde</u> Maria A. Burnatowska-Hledin	<u>Project</u> Biochemical characterization of VACM-1, a novel protein involved in the regulation of water balance and related to genes that regulate cell growth.
The College of William & Mary	Robert D. Pike	Chemical Investigations of New Metal-Organic Polymeric Networks
Pomona College	Daniel J. O'Leary	Studies in Organic Synthesis and Conformational Analysis
Wake Forest University	S. Bruce King	Bio-organic chemistry of N-hydroxyureas and related compounds
Connecticut College	Marc Zimmer	Computational Analysis of Biologically Important Systems
	1	1998
Haverford College	Julio C. de Paula	Energy transfer processes in biology and medicine probed by laser spectroscopy
The University of North Carolina at Charlotte	Bernadette T. Donovan-Merkert	Redox-promoted reactions of organometallic complexes
College of the Holy Cross	Timothy P. Curran	Creating peptide tertiary structures by linking enforced peptide secondary structures
University of Richmond	Samuel A. Abrash	An investigation of anomalies in the photochemistry of weakly bound complexes
Bucknell University	Timothy G. Strein	Activation, characterization and application of carbon fiber microelectrodes
Macalester College	Thomas D. Varberg	Laser spectroscopy of second- and third-row transition-metal monohydrides
Florida International University	Kevin E. O'Shea	Fundamental studies of the degradation of organic contaminants using advanced oxidation technologies
San Francisco State University	Ursula Simonis	Synthesis and characterization of porphyrins and iron porphyrins embedded in model membranes
Mount Holyoke College	Helen O. Leung	Studies of intermolecular interactions between nonbonded molecules by Fourier transform microwave spectroscopy
	1	1997
University of Massachusetts Dartmouth	Bal Ram Singh	
Central Washington University	JoAnn Peters DeLuca	
University of Puerto Rico, Mayagüez Campus	Gustavo López	
University of South Alabama	Jeffry D. Madura	
United States Naval Academy	Mark L. Campbell	
	1	1996
Florida Atlantic University	Russell G. Kerr	
Wellesley College	Christopher R. Arumainayagam	
University of Massachusetts Dartmouth	Gerald B. Hammond	
The College of William & Mary	Christopher J. Abelt	
Amherst College	Mark D. Marshall	

Institution	Awarde	Project
		1995
Rutgers, The State University of New Jersey, Camden	Georgia A. Arbuckle	
Illinois State University	Karen I. Goldberg	
Bates College	Thomas G. Lawson	
Trinity University	Michelle M. Bushey	
Western Washington University	Mark E. Bussell	
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		1774
University of Puerto Rico, Mayagüez Campus	Juan López-Garriga	
Michigan Technological University	Faith A. Morrison	
Middlebury College	James A. Larrabee	
Rutgers, The State University of New Jersey, Camden	Jing Li	
Swarthmore College	Thomas A. Stephenson	
Harvey Mudd College	Kerry K. Karukstis	
Wake Forest University	Mark E. Welker	
Furman University	Moses Lee	