Year	Date	Last Name	First Name	Affiliation	Title	Wesleyan Alum?
1981	August 6	Govardhan	Chandrika		Enol Pyruvate	
1981	September 17	Joseph	Andrew		The Rose Festival - Hexokinase: Structure and Mechanism, Crystal and Solution	
1982	May 6	Joseph	Andrew		An O17 NMR study of the Conformation of RNA Homopolymer Duplexes	
1982	October 6	Kerwood	Deborah		MS-2 Coat Protein is an RNA Unwinding Protein	
1983	February 1	Petersson	George		Molecular Orbitals are Linear Combinations of Atomic Orbitals	
1983	February 9	Hardman	Karl	Harvard University	The Structure of Concanavalin A and its Sugar Complexes	
1983	February 16	Bhuvan	George		Bleomycin: Mechanism of Action	
1983	February 23	Heimbrook	David	Yale University	Exogeneous Oxidant studies with Cytochrome p-450	
1983	March 2	Faraci	Steve		Myosin Structure Through Fluorescence Energy Transfer Measurements	
1983	March 9	Pratt	Rex		Protein Dynamics, Conformations, Enzymes, Viscosity and Everything	
1983	March 16	Govardhan	Chandrika		The Rose Festival: a Footnote. H, D and T	
1983	March 30	Joseph	Andrew		Imino Exchange Kinetics of Synthetic DNA Antibiotic Complexes	
1983	April 6	Mayo	Devin	Yale University	Some Aspects of the Solution Structure of a Yl Carrier Protein as Evidenced by 500 mhz NMR	
1983	April 20	Buddhu	Subhash		Penicillin Binding Proteins: Killing targets of Bacteria	
1983	April 27	Mccarthy	Mike		The Structural Dynamics of Core Histone	
1983	May 4	Saxe	Stephen		The Effect of Bromodeoxyuridine on Collagen Production in Cultured Chick Chondrocytes	
1983	May 18	Cabral	Jose		Mechanisms of Formation of Creatinine	
1983	May 25	Popienick	Paul		Vancomycin; Structural and Binding Studies	
1983	May 31	Massefski	Walt		Computers in Biochemistry, Why Bother?	
1983	August 5	Buddhu	Subhash		Inhibition of β-lactamases by Olivanic Acids: Kinetics and Mechanism	
1983	August 19	Faraci	Stephen		Enzyme Kinetics through Radiationless Energy Transfer Methods	
1983	September 28	Kerwood	Deborah		Low field NMR	
1983	October 12	Clapp	Charles	Brown University	Inhibition Studies and Mechanisitc Thoughts on Soybean Lipoxygenase	
1983	November 1	Delgarno	David	Yale University	Proton NMR of Calcium Binding Proteins	
1983	September 28	Kerwood	Deborah		Drug-Virus Interactions	
1983	October 5	Kosturko	Linda	University of Hartford	Polar Encapsidation of Human Adenovirus DNA	
1983	October 26	Miller	Audrey	University of Connecticut	Models for Oxidation of Organosulfur Compounds by FAD-Containing Monoxygenases	
1983	November 9	Gascoyne	Peter	Marine Biology Laboratories, Woods Hole	Towards a Submolecular Biology	
1983	November 16	Glackin-Sundell	M.		Role of Electrostatic Interactions in the Assembly of Asparate Transcarbamylase	
1983	November 20	Govardhan	Chandrika		Beta-Lactamases, Specificity and Evolution	
1983	December 7	Post	Carol	Harvard University	Molecular Dynamics of Lysozyme	
1984	February 8	Potter	Steven		Transposable Elements in Drosophila and Humans	
1984	February 22	Joseph	Andrew		170 Comes Into Its Own	
1984	February 29	Greenaway	Fred	Clark university	The Active Site of Lysol Oxidase	
1984	March 7	Popieniek	Paul		Zippers Scaffolds and Vancomycin	
1984	March 22	Hall	Barry	University of Connecticut	Experimental Evolution of a New Beta Galactosidase Function in *e. coli*	
1984	March 22	Sinnott	Michael	University of Bristol	The Catalytic Consequences of Evolution	
1984	April 4	Warwicker	James	Yale University	The Secondary Structure of Proteins	
1984	April 11	Balisseri	Donna		Laser Raman Spectroscopy of ms2 Phage and its Components	
1984	April 18	Pardee	Art	Smith Kline Beckman	Two-Dimensional NMR Studies of Proteins and Nucleic Acids	
1984	April 25	Hecht	Michael	MIT	Mutations and Pseudorevereantants in Lambda Repressor: Implication for Protein Stability	
1984	May 2	Faraci	Stephen		Modes of Interaction of Cephalosporins with Beta Lactamases	
1984	May 16	Wilde	Joyce		Investigation of the Active site of RNAse using NMR Spectroscopy	
1984	August 12	Govardhan	Chandrika		Carboxypeptidase A: Some recent active site probes	
1984	September 4	Rahil	Jubrail	University of Bethlehem	The Stereochemistry of Phosphoryl Transfer in Fructose Biphosphates	
1984	September 26	Govardhan	Chandrika		Probing Enzyme mechanism by 13C NMR	
1984	October 17	Murphy	Bryan		Enzyme Mechanisms through Substrate Mutation	
1984	November 14	Smith	Fran	Johns Hopkins	Local Effects Versus Long Range Coupling in Hemoglobin	
1984	November 19	Bromberg	Sarina		Helix Interface Shear - You Can See Them Move I You Stand Where It's Still	
1984	November 28	Feigon	Juli	Massachusetts Institute of Technology	Structure and Dynamics of B and Z DNA's in Solution	
1984	December 4	Kao	C.Y.	State University of New York	Interaction Between Tetrodoxin and Saxitoxin with Excitable Membranes	
1985	February 13	Shanley	Mark	Yale University	Recurring themes and repeated sequences in metabolic evolution	
1985	February 19	Wilde	Joyce		Some New Methods of Looking at Solution Conformations of Small Molecules	
1985	February 27	Ramakrishnan	V.	Brookhaven National Laboratory	Small Angle Neutron Scattering Studies on Nucleosomes	
1985	March 27	Georgopapadakou	Nafskia	Hoffman La-Roche Inc.	Bacterial DD-Carboxypeptidase: a Model for Penicillin Target Interactions	
1985	April 3	Baldisseri	Donna		Small Angle Neutron Scattering of the ms2 Virus	
1985	April 10	Armitage	Ian	Yale University	NMR Studies of Metal Binding Proteins	
1985	April 17	Bhvan	George		The Effect of Protein Conformational Restrictions in Enzyme Active Site Chemistry	
1985	May 1	Kornacki	Jon		DNA Replication Control of Broad Host Range Plasmid rk2	
1985	May 8	Faraci	Steve		Mechanism Inactivation of Alanine Racemase by B-fluoroalanine and Aminoethylphsphonic Acid	
1986	January 30	Gourlie	Brian	Johns Hopkins Medical School	Winter Flounder Antifreeze Protein Genes: Characterization and Indication of mRNAs at 4°C *in vivo* and *in vitro*	
1986	January 30	Benight	Albert	University of Washington	DNA-Protein Interactions: Evidence for Long Rance Structural Perturbations Induced by Regulatory Protein Binding	
1986	February 5	White	Ronald	University of Connecticut	Mechanism of Oxygen Activation by the Cytochrome P450 Enzymes	
1986	February 14	Gottlieb	Philip	University of Colorado	DNA Protein Interactions in Gene Control Regions	
1986	February 19	Popieniek	Paul		Diffusion Controlled Reactions in Biochemistry	
1986	February 20	Brenowitz	Michael		Resolving the Energies of the Bacteriophage Lambda cI Repressor-- Operator Interaction by the	
1986	March 5	Grindley	Nigel	Yale University	Site Specific Recombination by Gamma, Delta-Resolvase	
1986	March 26	Baldisseri	Donna		Structure of a Human Cold Viruse at 3 A Resolution	
1986	March 27	Hogan	Michael	Princeton University	Mapping Carinogen Binging Sites in Chromatin	
1986	April 2	Giammatteo	Paul J.		Liquid and Solid State NMR Characteristics of Extracellular Polysaccharides	
1986	April 9	Glackin	Mary		Analysis of Non-Specific DNA/protein Interactions	
1986	April 16	Rashin	Alex	Mt. Sinai School of Medicine	Aspects of Protein Energetics: Stability Domains, Cavities, and Electrostatics	
1986	April 30	Wilde	Joyce		Techniques for Assigning Connectivities in NMR Spectra	
1986	May 14	Faraci	Steve		Chemistry of Cephalosporin-Enzyme Complexes	

1986	May 21	Kosturko	Linda		Integration Host Factor: An E. coli DNA Binding Protein	
1986	May 27	Mazzella	John		Association of Hemocyanins	
1986	August 20	Faraci	Stephen		Inhibition of β-lactamases by Cephalosporins: Importance of the 3'Leaving Group	
1986	September 24	Govardhan	Chandrika		Are beta-Lactamases Transpeptidases?	
1986	November 3	Govardhan	Chandrika		Depsipeptides as beta-Lactamase Substrates	
1987	September 16	Wilde	Joyce		The Use of the Nuclear Overhauser Effect in Investigations of Ribonuclease A	
1987	September 23	Beveridge	David	Wesleyan University	Free Energy Simulations Chemical and Biomolecular Applications	
1987	September 30	Morin	Robert		Perspectives in the Development of B-Lactam Antibiotics	
1987	October 7	Subramanian	P.		Hydration of Nucleic Acids--A Computer Experiment	
1987	October 14	Bromberg	Sarina		Thermodynamic and Kinetic Linkages Between Ligand Binding, Assembly, and Folding in the Catalytic	
1987	October 21	Pratt	Rex	Wesleyan University	An old Friend Revisited: The Life and Times of a Mechanism-Based Inhibitor	
1987	October 28	Grace	Marie	Mt. Sinai Medical Center	Gaucher's Disease: Studies on a N-acylsphingosyl B-Glucosidase	
1987	November 4	Brugner	Axel	Yale University	Molecular Dynamics Refinements and the Multiple Minimum Problem in Biomolecular Structure	
1987	November 11	Berman	Helen M.	Institute for Cancer Research,	Crystallographic Models of DNA Intercalation: Proflavin and Actinomycin	
1987	November 18	Hoch	Jeff	Rowland Institute of Science	Ring Current Shifts and Protein Structure	
1987	December 2	Weber	Pat	DuPont Experimental Station	Crystal Structure of Streptomyces Avidinii Streptavidin	
1987	December 9	Giammatteo	Paul J.		Structural Characterization of Extracellular Polysaccharides	
1988	September 14	Pazhanisamy	Sam		Mechanism of the Beta Lactamase Catalyzed Aminolysis of Depsipeptides: Evolution of an Active Site	
1988	September 21	Hall	Kathy	Brandeis University	NMR and the Structure of Large RNA Molecules	
1988	October 5	Mazella	John		Cphalosporin Antibiotics 3'-substituents: Groups that Span Generations	
1988	October 12	Fox	Robert	Yale University	Genetic Engineering of Beta Turns	
1988	October 19	Fink	Tony	University California, Santa Cruz	Partially Folded States in Protein Folding	
1988	October 26	Swaminathan	S.		Molecular Dynamics of a Crystalline Drug Nucleotide Complex	
1988	November 2	Anderson	Dr. V.	Brown University	Observation of Strained Intermediates in Enzyme Reactions	
1988	November 9	Kuriyan	John	Rockefeller University	Modeling, Motion and Disorder in Protein Crystallography	
1988	November 16	Giammatteo	Paul	Wesleyan University	The Final Chapter	
1988	December 7	Garcia-Moreno	Bertrand	Johns Hopkins	Electrostatic Modeling of Proton and Anion Binding to Heme Proteins	
2003	September 10	Antony	Edwin	MB&B - Wesleyan	The ATPase Activity of S. Cerevisiae Msh2-Msh6 and T. Aquaticus MutS Mismatch Repaired Proteins	
2003	September 24	McConnell	Tim	Rib-X Pharmaceuticals	Macrolides - Mechanism and Resistance: How one Methyl Group Can Protect 98,000 Atoms of the Ribosome	Yes
2003	October 1	Adediran	Deji	Wesleyan University	New Substrates for β-Lactam-Recognizing Enzymes	
2003	October 8	Denhart	Derek	Bristol-Myers Squibb	Receptor-Based Drug Discovery	
2003	October 15	Byun	Suzie	Wesleyan University	Molecular Dynamics Simulations of Papilloma Virus E2 DNA Sequences	
2003	October 29	Dixit	Surjit	Wesleyan University	Structural Characteristics of DNA: the Molecular Dynamics Perspective	
2003	November 19	Kelley	Shana	Boston College	Structural and Functional Defects in a Disease-Related tRNA	
2003	December 3	Yan	Zhaohui	Wesleyan University	Small-Molecule RNA Interaction Virtual Screening	
2004	February 4	Loria	Patrick	Yale University	Enzyme Dynamics, Catalysis and Water	
2004	February 11	Josephine	Helen	Wesleyan University	Novel β-Lactamase: Extended Binding Site Inhibitors of DD-Peptidases	
2004	February 25	Dykas	Laure	Wesleyan University	Study of the Interactions of the Sex-Lethal Protein with the Transformer Poly-U Tract	
2004	March 3	Coman	Daniel	MB&B - Wesleyan	Probing Hydrogen Bonding in a DNA Triple Helix Using Protium-Deuterium Fractionation Factors	
2004	March 24	Makujina	Shah	Bristol-Myers Squibb	Protecting Innovation in the Pharmaceutical Industry	
2004	March 31	Benitex	Yulia	Wesleyan University	The Effect of Physical Properties of RNA Base Analogs on the Stability of the U1A-RNA Complex	
2004	April 7	Kumar	Ish	Wesleyan University	Substrate Specificity of Transpeptidation Reactions of the Streptomyces R61 DD-peptidase: Acyl Acceptors	
2004	April 14	Kormos	Bethany	Wesleyan University	Nucleophilic Substitution Reactions of Haloalkanes in the Gas Phase and Solution: A Density Functional Theory Study	
2004	April 21	Thayer	Kelly	MB&B - Wesleyan	The CAP-DNA Problem: Parting Shots	
2004	April 28	Britchi	Alina	Wesleyan University	Studies of Wild Type and Mutant U1A Proteins and their Complexes with RNA	
2004	September 15	Rujan	Iulian	Wesleyan University	Telomere DNA: Cation-induced Conformational Changes	
2004	September 22	Dixit	Surjit	Wesleyan University	Molecular Dynamics Studies of Induced Fit and Structural Adaptation in Protein-DNA Complexes	
2004	September 29	Morrison	Michael	Amgen	Protein Kinases in Drug Discovery	Yes
2004	October 6	Majumdar	Sudipta	Wesleyan University	Diacylphosphates-Inhibitors of Class D β-Lactamases	
2004	October 13	Snyder	Lawrence	Bristol-Myers Squibb	Bioisosteres in Medicinal Chemistry	
2004	October 20	Ponomarev	Sergei	Wesleyan University	Assessment of Molecular Dynamics Simulations of DNA Using a Generalized Born/Solvent Accessibility Model of Solvent	
2004	October 27	Knee	Kelly	MB&B - Wesleyan	Characterization of β93 Cys Modified Sickle Cell Hemoglobin: A Kinetic and Spectroscopic Study	
2004	November 10	Perumal	Senthil	Wesleyan University	Ketophosph(on)ates - A New Lead to Inhibitors of β-Lactamase	
2004	November 17	Zito	Christopher	MB&B - Wesleyan	Mutation of a Conserved Glutamate Residue in E. coli SecA Reveals its Complex Role in ATP Binding and Hydrolysis	
2004	December 1	Every	Alicia	Wesleyan University	Characterization of Hydrogen Bonds in Double Helical DNA Using H/D Fractionation Factors	
2004	December 8	Benitex	Yulia	Wesleyan University	Mapping the Energetic Contribution of AUUGCAC Sequence to the Stability of U1A-RNA Complex	
2005	January 26	Adediran	Deji	Wesleyan University	Evolution in Reverse: Towards a DD-Peptidase from a β-Lactamase by Design	
2005	February 1	Perumal	Senthil	Wesleyan University	Ketophosph(on)ates - A Novel Class of β-Lactamase Inhibitors	
2005	February 2	Folta-Stogniew	Ewa	Yale University	Size Exclusion Chromatography Coupled with Light Scattering: Application to Study Proteins and Protein Complexes	
2005	February 6	Popieniek	Paul		Vancomycin-Kinetics and Thermodynamics of Ligand Binding	
2005	February 9	Kormos	Bethany	Wesleyan University	Protein-RNA Recognition: Insight into U1A-RNA from Dynamical Correlations	
2005	March 2	Yan	Zhaohui	Wesleyan University	Investigation of Small Molecule-Tetraloop RNA Interactions by NMR Spectroscopy	
2005	March 3	Eliezer	David	Cornell University, Weill Medical College	NMR Studies of Poorly Structured Proteins Associated with Alzheimer's and Parkinson's Disease	
2005	March 30	Blakaj	Dukagjin	Albert Einstein College of Medicine	Sequence Specific Ion Uptake and Release Upon Formation of Papillomavirus E2 Protein/DNA Complexes	Yes
2005	April 13	Signarvic	Rachel	University of Pennsylvania	Molecular Switching by de novo Protein Design	Yes
2005	April 20	Dykas	Laure	Wesleyan University	Affinity Study of the Sex-Lethal Protein and its Mutants Binding to the Transformer Poly-Uridine Tract RNA	
2005	April 27	Chen	Siying	MB&B - Wesleyan	Defining the ATPase Mechanism of Replication Factor C, the S. Cerevisiae Clamp Loader	
2005	September 14	Chen	Congju	Wesleyan University	Site-Resolved Dynamics and Energetics of Sarcin-Ricin Loop RNA	

2005	September 19	Rujan	Iulian	Wesleyan University	Cation-induced Conformational Changes in and Ligand Binding to Telomere DNA
2005	September 28	Josephine	Helen	Wesleyan University	Understanding PBPs: Activity and Active Sites
2005	October 5	Petty	Sarah	Mount Holyoke College	Beta-Sheet Stability, Alignment and Aggregation in Amyloidogenic Peptides
2005	October 12	Britchi	Alina	Wesleyan University	NMR Structural Studies of U1A Proteins
2005	October 26	Warui	Douglas	Wesleyan University	Identification and Investigation of Small Molecules that Selectively Recognize and Bind SL3 of RNA-
2005	November 9	Pelto	Ryan	Wesleyan University	Reactions of Diacyl Hydroxylamines with Enterobacter Cloacae P99 β-Lactamase
2005	November 30	Fan	Yan	Wesleyan University	Stem Loop II RNA-Binding Peptides Selection by Phage Display
2005	December 7	Arthanari	Hari	Harvard University Medical School	NMR in Demystifying the Road En Route to Understanding the Veritas of Life
2006	February 8	Coman	Magda	MB&B - Wesleyan	Key Residue in the E. Coli Clamp Loader Protein for Primer-Template DNA Interaction
2006	February 15	Luo	Yunting	Wesleyan University	Investigation of the Contribution of Stacking Interactions to RNA Structural Stability
2006	March 1	Gillman	Kevin	Bristol-Myers Squibb	Prodrugs: Scope, Application and Limitations
2006	March 8	Dixit	Surjit	Wesleyan University	Structural Bioinformatics of DNA: Application of Molecular Dynamics Simulations
2006	March 29	Konkar	Anish	Hoffman La-Roche Inc.	Targeting Central Appetite Regulatory Pathways to Curb Culinary Cravings
2006	April 5	Peterson	Eric	Bowdoin College	Protein-folding within Sol-Gel Glasses: a Novel Method for Characterizing the Molten Globule State
2006	April 26	Dykas	Laure	Wesleyan University	Binding Interactions of the SXL Protein with the Transformer Pre-mRNA
2006	May 3	Nathan	Paramasivan	Wesleyan University	Probin the Structural and Binding Interactions of Quadruplex DNAs
2006	September 20	Barton	Jacqueline	California Institute of	Targeting DNA Mismatches with Metallointercalators
2006	October 4	Pelto	Ryan	Wesleyan University	Reactions of N, O-Diacyl Hydroxamic Acids with Class A&C β-lactamases
2006	October 11	Langley	David	Bristol-Myers Squibb	BARACLUDE™ (Entecavir), A Potent and Selective Inhibitor of HBV-RT: Molecular Mechanism(s) of
2006	October 25	Jiang	Lihong	Yale University	Decreased Brain Metabolic Rate Following Recurrent Hypoglycemia and ST2 Diabetes

2006	November 1	Vitoc	Iulia	Wesleyan University	Characterization of HU-cruciform DNA Interaction	
2006	November 6	Chen	Congju	Wesleyan University	Binding of Divalent Metal Ions to Sarcin Ricin Domain RNA: A NMR Investigation	
2006	November 15	Nagarajan	Rajesh	Skidmore College	Chemical Approaches to Probe Mechanistic Issues in Topoisomerase Catalysis	
2006	November 29	Majumdar	Sudipta	Wesleyan University	Diacylphosphates-Inhibitors of Serine β-Lactamases	
2006	December 6	Wyrembak	Pauline	Yale University	Inhibition of the FBP-FUSE Interaction: Turning off c-myc Expression	Yes
2007	January 31	Connolly	Tim	Bristol-Myers Squibb	Water Soluble Prodrugs of Ravuconazole: An Azole Antifungal Agent	
2007	February 7	Adediran	Deji	Wesleyan University	Inhibition of β-lactamases by 1:1 complexes of vanadate and catechols	
2007	February 14	Moreno	Andrew	Wesleyan University	Fluorescence Lifetime and Rotational Correlation Time Measurements of Various Oligomers Containing	
2007	February 21	Dixit	Surjit	Wesleyan University	DNA base pair sequence effects on solvation and ion atmosphere studied by molecular dynamics simulations	
2007	February 28	Kumar	Ish	Wesleyan University	Substrate Specificity of Penicillin Binding Proteins	
2007	March 28	Xu	Dong	Brandeis University	Mechanistic Studies on the Flavin-Dependent Phenol Hydroxylase (PHHY): A Story of Flipping Substrate and Waving Cofactor	
2007	April 4	Amano	Shinya	Wesleyan University	Design, Synthesis and Evaluation of Specific Substrates for E. coli Penicillin-Binding Protein 2	
2007	April 11	Paramasivan	Sattanathan	Wesleyan University	Structural Exploration of Quadruplex DNAs by Circular Dichroism and Footprinting Techniques	
2007	May 2	Britchi	Alina	Wesleyan University	NMR Structural Studies of U1A Proteins	
2007	May 3	Anderson	Amy	University of Connecticut	Structure Based Design of Inhibitors for Biodefense	
2007	September 12	Crichlow	Gregg	Wesleyan Alum	Surprises from Protein Co-Crystal Structures	Yes
2007	September 13	Every	Alicia	Wesleyan University	Base Pair Opening in Double Helical DNA containing an 8-Oxoguanine Mutagenic Lesion	
2007	September 19	Benkovic	Stephen	Penn State University	Perspectives on Biological Catalysis	
2007	October 3	Silvaggi	Nicholas	Boston University	Structural Insights into Inhibition of the C. Botulinum Serotype a Neurotoxin Light Chain	
2007	October 10	Majumdar	Sudipta	Wesleyan University	Beta-Lactamase Inhibitors: Progress with Diacylphosphates	
2007	October 24	Rujan	Iulian	University of Connecticut	From Hydrogen Exchange to Solving an NMR Structure: Two Stories	
2007	October 31	Huang	Yuegao (Golden)	Wesleyan University	Binding of Divalent Metal Ions to a DNA Triplex Using NMR Spectroscopy	
2007	November 7	Vitoc	Iulia	MB&B - Wesleyan	HU Binding Characteristics	
2007	November 28	Pelto	Ryan	Wesleyan University	N,O-Diacyl Hydroxamates Rearrangement and Reactivity with Serine B-Lactamases	
2007	December 3	Gu	Quanli	Wesleyan University	Argon shuttling dissociation from pi-bound to hydrogen-bound in Aniline+ -- (Ar)2	
2008	February 6	Hugonnet	Jean-Emmanuel	Albert Einstein College of Medicine	Penicillins to Treat *M. tuberculosis* : Kinetic Studies of TB's Beta-Lactamase	
2008	February 14	Davis	Jessica	Fairfield University	Targeting Crohn's Disease Through Rational Design of Small Molecule Protein Mimetics	
2008	February 20	Hingorani	Manju	Wesleyan University	Workings of a Clamp Loader in DNA Replication	
2008	February 27	Bishop	Anthony	Amherst College	Ligand-Sensitive Protein Tyrosine Phosphatases	
2008	April 9	Paramasivan	Sattanathan	Wesleyan University	In Search of Structure Specific Ligands for Quadruplex DNAs: Another "Gold at 10 Feet Store"	
2008	April 16	Heinen	Christopher	University of Connecticut Health Center	Hereditary Non-Polyposis Colon Cancer and the Role of the DNA Mismatch Repair Pathway in Cancer	
2008	April 23	Morrison	Michael	Sirtris Pharmeceuticals (Wes '99)	Ambit's KINOMEscan Technology: Building a Better Kinose Assay	Yes
2008	April 30	Sakato	Miho	MB&B - Wesleyan	Molecular Mechanism of an AAA+ ATPAse: Eukaryotic DNA Clamp Loader RFC	
2008	September 10	Britchi	Alina	Wesleyan University	NMR Studies of U1A Proteins	
2008	September 24	Pelto	Ryan	Wesleyan University	Gold from Lead; New Substrates from Old	
2008	October 8	Huang	Golden	Wesleyan University	Structural Energetics of Two RNA-DNA Hybrids	
2008	October 15	Adediran	Deji	Wesleyan University	Kinetics and Mechanism of R39 DD-Peptidase Catalysis	
2008	October 29	Josephine	Helen	Brandeis University	An Enzymatic Atavist Revealed in Dual Pathways for Water Activation	
2008	November 5	Perumal	Senthil	Penn State University	ATP-dependent translocation of Phage T4 UvsW Helicase along single-stranded DNA	
2008	September 17	Tang	Guo-Qing	Robert Wood Johnson Medical Sc	Transcription transition from initiation to elongation by phage T7 RNA polymerase	
2008	November 12	Barry	Kevin	Taylor Group - Wesleyan	But don't we already know everything about dioxygenase enzymes? Not quite…	
2008	November 19	Cassera	Maria	Albert Einstein College of Medici	Revealing the mysteries of purine metabolism in the malaria parasite	
2009	January 28	Dzhekieva	Liudmila	Pratt Group - Wesleyan	Design and Synthesis of Transition State Analog Inhibitors for DD-Peptidase	
2009	February 4	Czyzyk	Dan	Taylor Group - Wesleyan	Heptosyltransferase I, A novel target for biofilm inhibition	
2009	March 4	Dzhekieva	Liudmila	Pratt Group - Wesleyan	Design and Synthesis of Transition State Analog Inhibitors for DD-Peptidase	
2009	March 25	Moreno	Andrew	Knee/Mukerji - Wesleyan	Highly Fluorescent Oligomer Containing Nucleoside Analog 6MI	
2009	April 15	Paramasivan	Nathan	Bolton Group - Wesleyan	The déjà vu of end stacking interactions in quadruplex DNA-ligand complexes	
2009	April 29	Arthanari	Hari	Harvard University Medical Scho	Resistance is Futile	
2009	September 16	Sunazuka	Toshiaki	Kitasato University	Harmonization between the natural product chemistry and organic synthesis	
2009	September 30	Dzhekieva	Liuda	Pratt Group - Wesleyan	Transition state analog inhibitors of DD-Peptidases	
2009	October 7	Thayer	Kelly	University of Massachusetts Med	Simulations in Evolutionary Biology: Diffusion model introducing biomass suggests adaptive mechanism	
2009	October 14	Schlatterer	Joerg	Albert Einstein College of Medici	Snapshots of RNA catalysis	
2009	October 21	Pratt	Rex	Pratt Group - Wesleyan	Bacterial DD-Peptidases: Specificity, Mechanism and Evolution	
2009	October 28	Valentine	Ann	Yale University	Bioinorganic chemistry of titanium in medicine and environment	
2009	November 4	Huang	Yuegao (Go	Wesleyan University	Structural Energetics of the Adenine-Tract RNA-DNA Hybrid from an Intrinsic Transcription Terminator	
2009	November 11	Barry	Kevin	Taylor Group - Wesleyan	LigAB Kinetics and Potential Structural Implications on Substrate Specificity	
2009	November 18	Jacobs-Palmer	Emily	Harvard University, Wes alum	Ascending a fitness peak: the fixation of three pigmentation alleles in beach mice	
2009	December 2	Xie	Ling	Taylor Group - Wesleyan	Cloning and Characterization of Members of the PCA Estradiol Dioxygenase	
2009	December 9	Haskell	Roy	Bristol-Myers Squibb	Drug Delivery Strategies in Pharmaceutical Research & Development	
2010	January 27	Shilabin	Abbas	Pratt Group - Wesleyan	Bioactive Marine Natural Products Semisynthesis and SAR Studies	
2010	February 3	Singh	Vipender	Yale University	Transition States, Mechanisms and Drug Design	
2010	February 10	Nemmara	Venkatesh	Pratt Group - Wesleyan	Substrate Specificity of Penicillin Binding Proteins	
2010	February 24	Tilvawala	Ronak	Pratt Group - Wesleyan	Design and synthesis of new serine Beta-lactamase inhibitors	
2010	March 3	Moreno	Andrew	Knee/Mukerji - Wesleyan	6MI Enhanced Fluorescence in a Specific DNA Pentamer Sequence	
2010	March 24	Auclair	Sarah	Wesleyan University	Mapping of the Signal Peptide-Binding Domain of *Escherichia coli* SecA Using Forster resonance Energy Transfer	
2010	March 31	Zhou	Yayan	Wesleyan University	Structure-function Analysis of the S. cerevisiae PCNA Clamp, As Essential Protein in DNA Replication	
2011	April 7	Anushi	Sharma	Wesleyan University	TBA	
2010	April 7	Czyzyk	Daniel	Taylor Group - Wesleyan	Heptosyltransferase I, A Potential Target for Biofilm Inhibition	

2010	April 21	Das	Sanchaita	MB&B - Wesleyan	Mapping the SecA-SecY Interaction Interface by in vivo photo-cross Linking
2010	September 29	Dzhekieva	Liudmila	Pratt Group - Wesleyan	Boronate Inhibitors of Bacterial DD-Peptidases: Evaluation *in vitro* , in membrane and *in vivo* by SDS-PAGE
2010	October 6	Beveridge	David	Beveridge Group - Wesleyan	MD Studies on DNA Recognition and Allosterism in T. Aquaticus MutS
2010	October 13	Langley	David	β	Three-dimensional models of the HIV-1 integration complex
2010	October 20	Huang	Yuegao (Go	Russu Group - Wesleyan	Enhanced base-pair opening dynamics in the adenine tract of a RNA double helix
2010	October 27	Barry	Kevin	Taylor Group - Wesleyan	LigAB Kinetics and Potential Structural Implications on Substrate Specificity
2010	November 3	Bialonska	Dobroslawa	Bolton Group - Wesleyan	Bioactivity of Pomegranate Ellagitannins and their Intestinal Microbial Metabolites
2010	November 17	Adediran	Deji	Pratt Group - Wesleyan	Inhibition of N-Terminal Amidohydrolases by O-Aryloxycarbonyl Hydroxamates: Penicillin Acylase
2010	December 1	Moult	John	University of Maryland	Adventures in Protein Structure Prediction
2010	December 8	Xie	Ling	Taylor Group - Wesleyan	Exploring the Metal Content and Substrate of a Putative Dioxygenase YgiD
2011	February 4	Shilabin	Abbas	Pratt Group - Wesleyan	E. Coli PBP5 DD-Carboxypeptidase The Search for New Efficient Inhibitors
2011	February 11	Siva	Prasanna	Bristol-Myers Squibb	Computer-Aided Drug Design of Some Novel GSK-3 Inhibitors
2011	February 16	Tilvawala	Ronak	Pratt Group - Wesleyan	Evaluation of New Acyl Hydroxamates as Serine β-Lactamase Inhibitors
2011	February 23	Czyzyk	Daniel	Taylor Group - Wesleyan	Determining substrate specificities for Hoptosyltranferace 1
2011	March 2	Zhang	Jie	Russu Group - Wesleyan	Molecular mechanisms of sequence-specific transcription termination

2011	March 23	Moreno	Andrew	Knee/Mukerji Groups - Wesleyan	Investigating HU-Induced Perturbation to the Structure and Dynamics of Flexible DNA Substrates
2011	April 6	Nemmara	Venkatesh	Pratt Group - Wesleyan	Bacterial DD-Peptidases: The Specificity Puzzle?
2011	April 20	Sanjai	Kumar	Wesleyan University	Development of Chemical Tools to Study Protein Phosphorylation
2011	September 9	Junichi	Matsuo	Yale University	
2011	September 12	Deng	Na Li	Beveridge Group - Wesleyan	Molecular Dynamics Studies of Thermal Unfolding of the RNA Recognition Motif Protein, U1A
2011	September 16	Wheatley	Elizabeth	Beveridge Group - Wesleyan	
2011	September 23	Li	Yan	Hingorani Group - Wesleyan	Investigation of the binding interaction of S. cerevisiae MutS homologs MSH2-MSH6 and MSH4-MSH5 with Holiday junctions
2011	September 30	Michael	Morrison	Massachusetts Institute of Techno	The Development of Enzyme Inhibitors Responsible for 2,4-di-N-acetylbacillosamine Biosynthesis Through a Fragment-Based Approach
2011	October 3	Bialonska	Dobroslawa	Bolton Group - Wesleyan	Identification of quadruplex DNA binders by fluorescence screening and hydroxyl radical cleavage methodology
2011	October 10	Sculimbrene	Bianca	College of the Holy Cross	Synthesis of Chemical Tools: Phosphorylation and Peptide Isosteres.
2011	October 17	Berry	Kevin	Taylor Group - Wesleyan	
2011	October 31	Dzhekieva	Liudmila	Pratt Group - Wesleyan	A Kaleidoscope of Specific and Non-specific Inhibitors of Bacterial DD-peptidases.
2011	November 7	Ghose	Ranajeet	The City College of New York	Title Unknown
2011	November 14	Mudapaka	Jagadesh	Taylor Group - Wesleyan	
2011	November 21	Harikrushan	Ranpura	Bolton Group - Wesleyan	Determination of Ligand Binding Locagtions in G-quadruplex Element of C-myc Promoter Through Hydroxyl Radical Footprinting.
2011	November 28	Moreno	Andrew	Knee/Mukerji Groups - Wesleyan	
2012	January 8	Sharma	Anushi	Mukerji Group - Wesleyan	Understanding the Kinetic Mechanism of MutS DNA Mismatch Repair Protein.
2012	February 6	Dzhekieva	Luidmila	Pratt Group - Wesleyan	A Kaleidoscope of Specific and Non-specific Inhibitors of Bacterial DD-peptidases.
2012	February 13	Zhang	Jie	Russu Group - Wesleyan	NMR study of intrinsic transcription termination.
2012	March 26	Silvaggi	Nicholas	University of Wisconnsin (Uconn	What Looks Like A Duck, But Doesn't Quack? Structure and Function in Family V of the Acetoacetate
2012	April 2	Song	Kenneth	Bolton Group - Wesleyan	Determination of Ligands Binding to Insertion Mutation in Duplex DNA Through Hydroxyl Radical Footprinting
2012	April 9	Tilvawala	Ronak	Pratt Group - Wesleyan	Phosphate diesters: New Mechanism-based Inhibitors for Serine β-Lactamases.
2012	September 10	Pratt	Rex	Pratt Group - Wesleyan	Crossover Inhibition as an Indicator of Convergent Evolutionof Enzyme Mechanisms: A β-Lactamase and a N-Terminal Nucleophile Hydrolase.
2012	September 17	Tomko	Robert	Yale University	Assembling cellular machines for mass protein destruction.
2012	September 24	Sakato	Miho	Wesleyan University	Kinetic analysis of DNA clamp loader mutants reveals key events during clamp loading.
2012	October 1	Nath	Abhinav	Yale University	Insights into Protein Dynamics, Function and Pathological Self-Assembly from Single-Molecule Fluorescence Spectroscopy and Molecular Simulations.
2012	October 8	Nemmara	Venkatesh	Pratt Group - Wesleyan	Cyclic Peptides as Substrates for DD-Peptidases.
2012	October 8	Barry	Kevin	Taylor Group - Wesleyan	A Closer Look at LigAB: More Promiscuous than We Thought.
2012	October 15	Bhattacharya	Anwesha	Mukerji Group - Wesleyan	Insights into Amyloid-beta aggregation:From monomers to fibrils.
2012	October 22	Buzovetsky	Anwesha	Memorial Sloan_Kettering Cance	Structure and Binding Activity of FANCI-FANCD2 Complex: Insights into the Fanconi Anemia DNA Interstrand Cross-Link Repair Pathway.
2012	October 22	Lakhani	Bharat	Beveridge Group - Wesleyan	Hidden Protein Structure and Dynamics.
2012	October 29	Levan	Sophia	Olson Group - Wesleyan	The carbohydrate-binding activity of Vibrio cholerae cytolysin.
2012	October 29	Mudapaka	Jagadesh	Taylor Group - Wesleyan	(Cancelled due to Horicane Sandy) Investigation of consecutive heptosyltransferases for Escherichia coli.
2012	October 29	Czyzyk	Daniel	Taylor Group - Wesleyan	Heptosyltransferase I A Potential Target for Biofilm Inhibition.
2012	November 5	Tilvawala	Ronak	Pratt Group - Wesleyan	Targeting β-Lactamases with Pro-drug Molecules : Old Targets New Stratergy.
2012	November 12	Ranpura	Harikrushan	Bolton Group - Wesleyan	
2012	November 19	Zhang	Jie	Russu Group - Wesleyan	
2012	November 26	Zhou	Yayan	Mukerji Group - Wesleyan	An active clamping role for PCNA during assembly and function on DNA.
2013	January 28	Liu	Edison	The Jackson laboratory	System Genomics in Breast Cancer Biology
2013	February 4	Nemmara	Venkatesh	Pratt Group - Wesleyan	The Specificity of *B. subtilis* PBP4a for Admidated peptidoglycan Fragments.
2013	February 18	Sharma	Anushi	Hingorani Group - Wesleyan	MutS and DNA Dynamics During Mismatch Recognition and Repair.
2013	February 25	Czyzyk	Daniel	Taylor Group - Wesleyan	Deconvoluting the Mechanism of Heptosyltransferase I.
2013	March 4	De	Swastik	Olson Group - Wesleyan	Characterization of glycan recogniton by *Vibrio Cholerae* cytolysin.
2013	March 25	Adediran	Deji	Pratt Group - Wesleyan	Yes, Bacterial DD-Peptidases are inhibited by Trifluoroketones.
2013	April 8	Li	Yan	Mukerji Group - Wesleyan	Global and local conformational studies of mismatched duplex DNA upon Msh2-Msh6 binding by steady-state and ttime-resolved fluorescence.
2013	April 15	Dave	Kinjal	Pratt Group - Wesleyan	Peptidoglycan Structure and antibiotic design/
2013	April 22	Zhang	Shu	Bolton Group - Wesleyan	Investigation of the binders of single breakpoint on DNA using improved hydroxyl radical cleavage methodology.
2013	April 29	Sawant	Shreya	Hingorani Group - Wesleyan	Purification and characterization of the mismatch repair protein Msh2 Msh3 from Saccharomyces cerevisiae.
2013	May 6	Ryder	Todd	Hingorani Group - Wesleyan	Design and Synthesis of Arginase Inhibitors.
2013	October 7	Beveridge	David	Beveridge Group - Wesleyan	How does a signal cross a protein? Allosteric Redux.
2013	October 14	Lakhani	Bharat	Beveridge Group - Wesleyan	Sector Analysis of Proteins Based on Molecular Dynamics Simulations: Role of Atomic Fluctuations in Single Domain Allosterism."
2013	October 28	Barry	Kevin	Taylor Group - Wesleyan	Tales of Lignin Catabolism
2013	November 4	Zhang	Jie	Russu Group - Wesleyan	Molecular mechanisms of sequence-specific transcription termination
2013	November 11	Yu	Xiaoyu (Zoe	Hingorani Group - Wesleyan	Purification and Characterization of Saccharomyces cerevisiae Msh2-Msh3, a Mismatch Repair Protein with a Dark Side.
2013	November 18	Ranpura	Hari	Bolton Group - Wesleyan	Structure and dynamics of thrombin binding aptamer and its complexes with drug like molecules.
2013	November 25	Cote	Joy	Taylor Group - Wesleyan	TBA
2014	January 27	Czyzyk	Daniel	Taylor Group - Wesleyan	Investigating the Catalytic Mechanism of E. coli Heptosyltransferase I.
2013	February 3	Sakato	Miho	Hingorani Group - Wesleyan	How does MutS-MutL interaction initiate DNA repair following mismatch recognition.
2014	February 10	Li	Yan	Knee/Mukerji - Wesleyan	Global and local conformational studies of mismatched duplex DNA upon Msh2-Msh6 binding by steady-state and time-resolved fluorescence.
2014	February 24	Kaus	Katie	Olson Group - Wesleyan	Structure and Glycan-Binding Properties of the Vibrio vulnificus Hemolysin β-Trefoil Lectin.
2014	March 3	Sawant	Shreya	Hingorani Group - Wesleyan	Investigation of the link between DNA replication and mismatch repair.
2014	March 24	Liu	Juan	Hingorani Group - Wesleyan	The role of "switch residues" of RFC in loading PCNA clamps onto replicating DNA.
2014	March 31	De	Swastik	Olson Group - Wesleyan	Vibrio cholerae cytolysin monomer to pore formation - steps in between.
2014	April 14	Dave	Kinjal	Pratt Group - Wesleyan	Reactivity of membrane-bound PBPs with small substate analogs.
2014	April 21	Lahiri	Sudipta	Knee/Mukerji Groups - Wesleyan	Investigating the Binding Parameters of Histone H1 to the Holliday Junction.
2014	April 28	Song	Bo	Olson/Hingorani Groups - Wesley	Impact of PCNA-FEN1-DNA interactions on FEN1 activity.

2014	May 5	Zhang	Shu	Bolton Group - Wesleyan	Masking DNA single-strand break (SSB): new way to approach cancer treatment.
2014	September 18	Levy	Jay	Department of Medicine, Univers	HIV Discovery to Research Achievements and Future Challenges.
2014	September 22	Cote	Joy	Taylor Group - Wesleyan	Investigation of E. coli Heptosyltransferase-1 Dynamics.
2014	September 29	Hickey	Christopher	Yale University, Mark Houchstra	Ubiquitin-dependent degradation of a short-lived transcription factor.
2014	October 6	Lakhani	Bharat	Beveridge Group - Wesleyan	Molecular Dynamics Simulation Studies of Protein Sectors: Motional Correlations.
2014	October 13	Jaswal	Sheila	Amherst College	Exploring Protein Folding Landscapes to Understand Nature's Molecular Origami.
2014	October 27	Liu	Juan	Hingorani Group - Wesleyan	Investigation of RFC catalytic mechanism for PCNA clamp loading onto primer-template DNA.
2014	November 3	Husain	Bushra	Uconn, Jim Cole Group	Factors that influence Protein Kinase R dimerization and activation.
2014	November 17	Daman	Tyler	Uconn, Vivtoria Robinson Group	Intrinsic Structural Disorder Observed in the Cell Cycle Regulatory GTPase Nucleostemin.
2014	November 24	Kumar	Sunil	Yale University, Andrew Miranke	Small Molecule Enantiomeric Selection by a Pre-Amyloid Toxin.
2014	December 3	Sakato	Miho	Hingorani Group - Wesleyan	Nucleotide-dependent regulation of DNA mismatch processing by MutS and MutL
2015	February 2, 202	Williamson	Patrick	Amherst College	ATP-dependent transport of phospholipids: cramped quarters and able assistants.
2015	February 16	Sawant	Shreya	Hingorani Group - Wesleyan	Study of the kinetic mechanism between SecA and signal peptide interaction.
2015	February 23	Kaus	Katie	Olson Group - Wesleyan	TBA
2015	March 2	Song	Bo	Hingorani Group - Wesleyan	Studying the influence of PCNA on FEN1-catalyzed flap cleavage in DNA replication and repair.
2015	March 9	Ranpura	Hari	Bolton Group - Wesleyan	Complexes of G-Quadruplex DNA with drug like molecules.
2015	March 23	Li	Yan	Mukerji Group - Wesleyan	TBA
2015	March 30	Blair	James	Williams College	TBA
2015	April 6	De	Swastik	Olson Group - Wesleyan	TBA
2015	April 13	Lahiri	Sudipta	Mukerji Group - Wesleyan	TBA
2015	April 20	Dave	Kinjal	Pratt Group - Wesleyan	TBA
2015	April 27	Christian	Thomas	Yale University, Konigsberg Gro	TBA
2015	May 4	Case	Brandon	Hingorani Group - Wesleyan	TBA
2015	September 7				
2016	February 1	Zhang	Qi	Olson Group - Wesleyan	Probing the conformational change of SecA induced by ligands
2016	February 15	Song	Bo	Hingorani Group - Wesleyan	Studying the influence on PCNA on FEN1-catalyzed flap cleavage in DNA replication and repair
2016	February 22	Sudipta	Lahiri	Mukerji Group - Wesleyan	Investigating the Binding Dynamics of Yeast MutS Homologs Msh4-Msh5
2016	March 21	Williamson	Patrick	Amherst College	TBA
2016	March 28	Schlosser and Ka	Mackenzie a	Taylor/Olson Groups - Wesleyan	TBA
2016	April 4	Dave	Kinjal	Pratt Group - Wesleyan	TBA
2016	April 11	Kaus	Katie	Olson Group - Wesleyan	TBA
2016	April 18	Case	Brandon	Hingorani Group - Wesleyan	TBA
2016	April 25	Deng	Vivian	Mukerji Group - Wesleyan	TBA
2016	May 2	Vega-Lozada	Eduardo	Othon Group - Wesleyan	TBA
2015	September 14	Lefurgy	Scott	Hofstra University	FOX-4-cephamycinase: an analysis of structure and function
2015	September 21	De	Swastik	Olson Group - Wesleyan	Probing the direct membrane of Vibrio cholerae cytolysin (VCC)
2015	September 28	Antoku	Miho	Hingorani Group - Wesleyan	MutS-MutL complex formation in a mismatch during DNA repair
2015	October 5	Liu	Juan	Hingorani Group - Wesleyan	Checkpoints controlled by PCNA, DNA, and ATP direct the timing and order of events in the clamp loading mechanism
2015	October 12	Pratt	Rex	Wesleyan University, Chemistry	Beta-Lactamases, Why and How"
2015	October 22	Kuriyan	John	University of California, Berkeley	Structural Mechanisms in Protein Kinase Regulations
2015	November 2	Cote	Joy	Taylor Group - Wesleyan	Alterations of tryptophan residues to allow understanding of protein dynamics of Heptosyltransferase I from Escherichia coli
2015	November 9	Shukra	Nimesh	Othon Group - Wesleyan	Osmoprotection in disacchardies
2015	November 16	Li	Yan	Mukerji Group - Wesleyan	Exploring multifaceted S.cerevisiae Msh2-Msh6 in DNA mismatch repair and recombination
2015	November 23	Emamy	Hamed	Starr Group - Wesleyan	Diamond Family of Nanoparticle Superlattices
2015	November 30	Lakhani	Bharat	Beveridge Group - Wesleyan	SCA sector analysis on MutS DNA mismatch repair multimeric protein
2015	December 7	Etson	Candice	Wesleyan University, Physics	What can we learn by studying single molecules?
2016	February 1	Zhang	Qi	Oliver Group - Wesleyan	Probing the conformational change of SecA induced by ligands
2016	February 15	Song	Bo	Hingorani Group - Wesleyan	Studying the influence on PCNA on FEN1-catalyzed flap cleavage in DNA replication and repair
2016	February 22	Lahiri	Sudipta	Mukerji Group - Wesleyan	Investigating the Binding Dynamics of Yeast MutS Homologs Msh4-Msh5
2016	March 21	Williamson	Patrick	Amherst College	Remodeling the Barricade: The mechanism of phospholipid transport
2016	March 28	Schlosser and Ka	Mackenzie a	Taylor/Olson Groups - Wesleyan	The Synthesis of a FRET-Labeled Probe for the Detection of Lignin Degradation" & "What Makes a Queen: Exploring Molecular Mechanisms of Caste Differentiation in Honeybees
2016	April 4	Dave	Kinjal	Pratt Group - Wesleyan	Peptidyl thioesters: Substrate or inhibitors of bacterial DD-peptidases?
2016	April 11	Kaus	Katie	Olson Group - Wesleyan	A look into Vibrio cholerae Biofilm Production.
2016	April 18	Case	Brandon	Hingorani Group - Wesleyan	Kinetic Investigations of the Initiation of Nucleotide Excision Repair by UvrA.
2016	April 25	Deng	Vivian	Mukerji Group - Wesleyan	Stability of DNA Four-Way Junctions and Characterization of Binding to Integration Host Factor.
2016	May 2	Thayer	Kelly	Beveridge Group - Wesleyan	Constructing Markov State Models from Molecular Dynamics Simulations.
2016	October 3	Schlosser	Mackenzie	Taylor Group - Wesleyan	Don't Fret! The Synthesis of a FRET Labeled Probe for Identification of Lignin Depolymerization.
2016	October 10	Liu	Juan	Hingorani Group - Wesleyan	Investigating the PCNA Clamp Loading Mechanism Catalyzed by RFC wt and Arg Mutants.
2016	October 17	Lakhani	Bharat	Beveridge Group - Wesleyan	Spectral Analysis of the Molecular Dynamics Simulation
2016	October 31	Antoku	Miho	Hingorani Group - Wesleyan	How does the MutS-MutL complex incise DNA during DNA mismatch repair, when at or away from mismatch?
2016	November 7	Milicaj	Jozie	Taylor Group - Wesleyan	TBA
2016	November 14	Lahiri	Sudipta	Mukerji Group - Wesleyan, joint v	Elucidation of Structure-Function Relationship of S. cerevisiae MutS Homolog Msh4 and Msh5 with the Holliday Junction
2016	November 21	Shukla	Nimesh	Othon Group, joint w Phys.chem	TBA
2016	November 28	Emamy	Hamed	Starr Group, joint w Phys.chem s	TBA
2017	February 20	Kaus	Katie	Olson Group - Wesleyan	Structural Investigation of Bacterial Virulence Factors
2017	February 27	Cote	Joy	Taylor Group - Wesleyan	Understanding protein dynamics of E. coli Heptosyltransferase I through the eyes of tryptophan residues.
2017	March 6	Song	Bo	Hingorani Group - Wesleyan	Base unpairing at the flap junction controls the rate of FEN1-catalyzed cleavage of DNA during replication and repair
2017	March 27	Dave	Kinjal	Pratt Group - Wesleyan	Peptidyl thioesters: Substrates or inhibitors of bacterial DD-peptidases?
2017	April 3	Zheng	Zeliang	Oliver Group - Wesleyan	Elucidation of functional roles of SecYEG monomer and dimer
2017	April 10	Case	Brandon	Hingorani Group - Wesleyan	Investigating the Role of UvrA2 in Initiating Nucleotide Excision Repair
2017	April 17	Torres	Miriam	Mukerji Group - Wesleyan	Characterizing the Binding Interactions of Mus musculus Histone H1 with Holliday Junction
2017	April 24	Nejad	Nooshin	Etson Group, joint w Phys.chem s	Single Molecule Fluorescence Resonance Energy Transfer (FRET)
2017	September 18	Launer-Felty	Katherine	Yale University	Enzymatic synthesis of cyclic dinucleotide analogues and their use to study riboswitches
2017	October 2	Rafalowski	Angelika	Taylor Group - Wesleyan	Dioxygenases, Where We Are Now and Where We Are Going

2017	October 9	Milicaj	Jozie	Taylor Group - Wesleyan	Probing Inhibition of HeptosyltransferaseI using in vitro and in vivo methods.
2017	October 16	Braide-Moncoeur	Otonye	Gordon College	Improved understanding of lipid trafficking in lung surfactant via adaptive peptide helicity
2017	October 30	Shatery Nejad	Nooshin	Etson Group - Wesleyan	Quantitative measurements of single-molecule FRET with a quantum dot donor
2017	November 6	Hingorani	Manju	MB&B - Wesleyan	DNA mismatch repair – Mopping up after messy polymerases
2017	November 13	Barr	Will	Weir Group - Wesleyan	An mRNA-rRNA base pairing model for efficient protein translation
2017	November 27	Dudley	Joshua	Smith Group - Wesleyan	Protein Nuclear Magnetic Resonance and Spectral Peak Fitting
2018	February 19	Song	Bo	Hingorani Group - Wesleyan	Positioning of the 5' flap junction in the active site limits the rate of FEN1-catalyzed DNA cleavage
2018	February 26	Liu	Jaun	Hingorani Group - Wesleyan	How to build a kinetic model for RFC-catalyzed PCNA loading mechanism
2018	March 5	Kaus	Katie	Olson Group - Wesleyan	Structural Investigation of Bacterial Virulence Factors
2018	March 26	Ren	Xiaoming	Yale University	Structural basis for recognition of IL-1α by a modified DNA aptamer that specifically inhibits IL-1α signaling
2018	April 2	Case	Brandon	Hingorani Group - Wesleyan	Coordinated Actions of Two Pairs of ATPase Sites on UvrA2 During Initiation of Nucleotide Excision Repair
2018	April 9	Kaplan	Anne	University of Connecticut	Protein Yoga. Conformational Flexibility of a Novel Fold
2018	April 16	Lahiri	Sudipta	Olson Group - Wesleyan	Elucidation of the Structural and Functional Role of MutSγ in Meiotic Recombination using Structural Modeling and Time-Resolved Fluorescence Spectroscopy
2018	April 23	Lombardo	Zane	Mukerji Group - Wesleyan	Characterizing the Binding Interactions of Mouse Linker Histone H1 with Nucleosomes
2018	April 30	Banerjee	Tithi	Oliver Group - Wesleyan	Elucidation of the Dynamics of SecA-SecYEG interactions and its role in pre-protein translocation *in Escherichia coli*
2018	September 10	Smith	Colin	Smith Group - Wesleyan	Seminar Series Introduction
2018	September 17	Hassan	Bakar	Taylor Group - Wesleyan	Glycodiversification Through Domain Swapping of Glycosyltransferase
2018	October 1	Xiao	Dequan	University of New Haven	Inhibitor design for the UCHL1 enzyme by integrating computational chemistry and experimental approaches
2018	October 8	Williams	Elliot	Weir Lab	S 12 pro-64 Hydroxilation, and the 530 Loop of 18S rRNA
2018	October 15	Maurer	Sarah	Central CT State University	Formation and Characterization of Protecelles to Understand the Origina of Life
2018	October 29	Zhou	Dacheng	Etson/Mukerji Labs	Establishing a Single Molecule-FRET System for Studying DNA-Protein Interaction
2018	November 5	Audie	Joseph	Sacred Heart University	The Development, Validation, and Application of Computational Methods for Structure-Based Drug Design
2018	November 19	Barr	Will	Weir Lab	Enhancing mRNA Complementary Depresses Protein Translation
2018	November 26	Dudley	Joshua	Smith Lab - Wesleyan	Analysis of Enhanced NMR Peak Fitting Method
2018	December 3	Smith-Carpenter	Jillian	Fairfield University	Incorporating Reactivity into Supramolecular Structures
2019	February 4	Case	Brandon	Manju M. Hingorani - Wesleyan	Coordinated Actions of UvrA2 During Initiation of Nucleotide Excision Repair
2019	February 11	Banerjee	Tithi	Donald Oliver - Wesleyan	Characterization of the physiological state of SecA and SecYEG: Key components of bacterial protein transport across the plasma membrane
2019	February 18	Lombardo	Zane	Ishita Mukerji - Wesleyan	Mismatch Recognition of Msh2-Msh6: Role of Structure and Dynamics
2019	February 25	Rafalowski	Angelika	Erika Taylor - Wesleyan	Characterization of Known and Newly Identified Members of Protocatachuate Dioxygenase Superfamily
2019	April 1	Park	Sojeong	Colin Smith - Wesleyan	Mini Protein Structural Analysis Through NMR Studies
2019	April 8	Hecht	Cody	Erika Taylor - Wesleyan	Mapping Heptosyltransferase I Dynamics with Pyrene Excimer Flourescense and Tryptophan-Induced Quenching
2019	April 15	Poon	Ivy	Colin Smith - Wesleyan	Investigating Structural Change Propagations from Point Mutations in Xylanase A
2019	April 22	Milicaj	Jozafina	Erika Taylor - Wesleyan	Inhibition of Heptosyltransferase I
2019	April 29	MacDonald	Meagan	Colin Smith - Wesleyan	XylA Dynamics in Lignin Binding