

THURSDAY AFTERNOON

Section A

Salt Palace Convention Center
Ballroom C

General Oral Session

J. R. McCarthy, *Organizer*

- 1:30 **306.** Design of hybrids with vitamin D receptor agonism and histone deacetylase inhibition as anticancer agents. **J. L. Gleason**, J. H. White, L. E. Tavera-Mendoza, T. D. Quach, B. Dabbas, J. Hudon, M. Lamblin, X. Liao, R. Spingarn, A. Paljian
- 1:50 **307.** Synthesis and biological evaluation of novel vitamin D3 derivatives. **W. Li**, M. A. Zmijewski, J. Chen, Z. Janjetovic, J. K. Zjawiony, T. Sweatman, D. D. Miller, A. T. Slominski
- 2:10 **308.** Synthesis, antibacterial activity, and new applications of aminoglycosides. **C. W. T. Chang**
- 2:30 **309.** Inhibition of aquaporin-4 by estrogen receptor modulators. **V. J. Huber**, M. Tsujita, T. Nakada
- 2:50 **310.** Addressing metabolism and toxicity in early drug discovery with rapid estimates of quantum mechanical descriptors. **R. Fraczkiewicz**, M. Waldman, J. C. Crison, W. S. Woltoz
- 3:10 **311.** The multistrategy for design of dopamine D1 and serotonin 5-HT1A receptor ligands. **J. Zhang**, X. Chen, X. Zhen, **A. Zhang**
- 3:30 **312.** Crystal structure of the naturally occurring Baeyer-Villiger monooxygenase MtmOIV. **M. Beam**, N. Noinaj, J. Rohr
- 3:50 **313.** Structural and thermodynamic characterization and comparison of RNA single mismatches. **A. R. Davis**, B. M. Znosko
- 4:10 **314.** Folate and antifolate synergism with nucleoside analogs. **A. R. Vortherms**, R. P. Doyle
- 4:30 **315.** Optimization of anthranilimide based glycogen phosphorylase inhibitors. **S. M. Sparks**, P. Banker, S. Thomson, A. Peat, F. X. Tavares, D. D. Sternbach, D. Garrido, K. Dwornik, J. Cooper, S. Dickerson, J. Weiel, D. M. Bickett, J. Boucheron, T. Wang, D. Clancy, R. T. Nolte, L. Wang, P. Golden, R. Graham

NUCL

Division of Nuclear Chemistry & Technology

M. A. Stoyer, *Program Chair*

SOCIAL EVENT:
Social Hour, 7-8pm: Mon

BUSINESS MEETINGS:
Business Meeting, 6-7pm: Mon
Executive Committee Meeting, 6:30-8:30pm: Sun

SUNDAY MORNING

Section A

Salt Palace Convention Center
251 D

Glenn T. Seaborg Award for Nuclear Chemistry: Symposium in Honor of Kenton J. Moody

D. A. Shaughnessy and K. Czerwinski, *Organizers*

- 8:00 Introductory Remarks.
- 8:10 **1. Award Address** (Glenn T. Seaborg Award for Nuclear Chemistry, sponsored by ACS Division of Nuclear Chemistry and Technology). Some nuclear spectroscopy results. **K. J. Moody**

- 9:10 **2.** Heavy element production by the FLNR-LLNL collaboration. **Y. Oganessian**
- 9:40 **3.** Study of superheavy elements at the GSI SHIP. **S. Hofmann**
- 10:10 **4.** Heavy element production. **K. E. Gregorich**
- 11:00 **5.** Transfer and fusion aspects of the synthesis of heavy and superheavy nuclides. **M. Schädel**
- 11:30 **6.** From new actinide target technology to heavy element chemistry. **H. Nitsche**
- 12:00 **7.** Survival probabilities in hot fusion reactions. **W. Loveland**

SUNDAY AFTERNOON

Section A

Salt Palace Convention Center
251 D

Glenn T. Seaborg Award for Nuclear Chemistry: Symposium in Honor of Kenton J. Moody

D. A. Shaughnessy and K. Czerwinski, *Organizers*

- 1:45 **8.** Chemical characterization of the heaviest elements at JAEA. **Y. Nagame**
- 2:15 **9.** Novel actinide separations and heavy element synthesis. **S. L. Nelson**
- 2:45 **10.** Study of absorption characteristics of Cm and Am to various Eichrom resins in several matrices. **N. Gharibyan**, A. Crable, S. Happel, R. Sudowe
- 3:15 **11.** Heavy element production and recovery at the Oak Ridge National Laboratory. **C. W. Alexander**, E. D. Collins, D. E. Benker
- 3:45 Intermission.
- 4:00 **12.** New developments in technetium-99 chemistry. **A. Sattelberger**
- 4:30 **13.** Developing the surrogate ratio methods with help from Ken Moody. **L. A. Bernstein**
- 5:00 **14.** Benchmarking (alpha, alpha') surrogate ratio in uranium. **S. Leshar**

MONDAY MORNING

Section A

Salt Palace Convention Center
251 D

Glenn T. Seaborg Award for Nuclear Chemistry: Symposium in Honor of Kenton J. Moody

D. A. Shaughnessy and K. Czerwinski, *Organizers*

- 8:00 **15.** Stockpile stewardship challenges for radiochemistry. **Y. M. X. M. Dardenne**, J. M. Kennealy
- 8:30 **16.** University-national laboratory interactions for radiochemistry education. **K. R. Czerwinski**
- 9:00 **17.** An early investigation in contemporary nuclear forensic analysis at Livermore. **P. M. Grant**
- 9:30 **18.** Understanding the past, present and future – a tale of a hot particle: Part one. **R. C. Gostic**, J. M. Gostic, K. Czerwinski
- 10:00 Intermission.
- 10:15 **19.** Understanding the past, present and future – a tale of a hot particle: Part two. **J. M. Gostic**, R. C. Gostic, K. Czerwinski
- 10:45 **20.** Nuclear forensics: An emerging and still imperfect science. **I. D. Hutcheon**

The official technical program for the 237th National Meeting is available online at oasys2.confex.com/acs/237nm/techprogram/.

- 11:15 **21.** Development of radiochemistry experiments at the National Ignition Facility. **M. A. Stoyer**
- 11:45 **22.** Collection of solid debris for the National Ignition Facility. **D. A. Shaughnessy**

MONDAY AFTERNOON

Section A

Salt Palace Convention Center
251 D

Glenn T. Seaborg Award for Nuclear Chemistry: Symposium in Honor of Kenton J. Moody

D. A. Shaughnessy and K. Czerwinski, *Organizers*

- 1:30 **23.** Highlights of spontaneous fission gamma spectroscopy. **J. O. Rasmussen**, Y.-X. Luo
- 2:00 **24.** Nuclear isomers: Facts and fiction. **R. S. Rundberg**
- 2:30 **25.** Energy splitting of the ground-state doublet in the nucleus 229Th. **J. A. Becker**, B. R. Beck, P. Beiersdorfer, G. V. Brown, K. J. Moody, J. B. Wilhelmy, F. S. Porter, C. A. Kilbourne, R. L. Kelley
- 3:00 **26.** A new nuclear reaction for the production of 240Am. **P. A. Ellison**, L. Stavsetra, Z. Dvorakova, K. E. Gregorich, H. Nitsche
- 3:30 Intermission.
- 3:45 **27.** Separation methods for the isolation of Am-240 from proton-irradiated Pu-242 targets. **Z. Dvorakova**, P. A. Ellison, L. Stavsetra, H. Nitsche
- 4:15 **28.** Neutron capture and neutron-induced fission measurements on 241,242m,243Am at DANCE. **D. J. Vieira**, M. Jandel, T. A. Bredeweg, E. M. Bond, K. J. Moody, M. A. Stoyer, P. A. Wilk, C. Y. Wu
- 4:45 **29.** Nuclear structure of 242Am and (n,gamma) reaction on 242mAm. **C.-Y. Wu**

TUESDAY MORNING

Section A

Salt Palace Convention Center
251 D

Nuclear Structure Using Rare Reactions

I.-Y. Lee and M. A. Stoyer, *Organizers*

- 9:00 **30.** High-K isomers in deep-inelastic reactions. **G. D. Dracoulis**
- 9:30 **31.** Direct measurements of the goodness of the K quantum number in axially-deformed nuclei. **D. Cline**, A. B. Hayes
- 10:00 **32.** Shape, symmetry and structure in heavy nuclei. **P. Chowdhury**
- 10:30 Intermission.
- 10:45 **33.** Populating the 240U nucleus using the (18O,16O) reaction. **J. T. Burke**
- 11:15 **34.** Isomer spectroscopy of the heaviest nuclei. **R. M. Clark**
- 11:45 **35.** Octupole collectivity near N=126. **D. G. Sarantites**

Section B

Salt Palace Convention Center
251 E

Atom-at-a-Time Chemistry Cosponsored by NANO

R. A. Henderson, *Organizer*

- 8:00 Introductory Remarks.
- 8:05 **36.** Atom-at-a-time chemistry first used in discovery in 1955 of a new transuranium element 101. **D. C. Hoffman**
- 8:35 **37.** Atom-at-a-time chemistry. **A. Tuerler**
- 9:05 **38.** Chemical investigation of element 114. **R. Eichler**
- 9:35 **39.** Rapid chemical separation apparatus for atom-at-a-time chemistry of the heaviest elements. **Y. Nagame**, M. Asai, Y. Kasamatsu, T. K. Sato, A. Toyoshima, K. Tsukuda
- 10:05 Intermission.

- 10:35 **40.** The potential application of a diglycolamide-based resin for heavy element chemical separations. **J. M. Gostic**, K. Czerwinski, R. A. Henderson, D. A. Shaughnessy, K. J. Moody
- 11:05 **41.** Extraction chromatographic studies of Rf and Db homologs. **M. E. Bennett**, R. A. Henderson, D. A. Shaughnessy, R. Sudowe
- 11:35 **42.** Investigating the hydrolysis of uranium hexafluoride with DFT. **J. M. Becnel**, S. L. Garrison
- 12:05 Concluding Remarks.

TUESDAY AFTERNOON

Section A

Salt Palace Convention Center
251 D

Nuclear Structure Using Rare Reactions

I.-Y. Lee and M. A. Stoyer, *Organizers*

- 1:30 **43.** Neutron-proton pairing and direct reactions. **A. O. Macchiavelli**
- 2:00 **44.** Beta-decay studies of N=Z nuclides at NSCL. **F. Montes**
- 2:30 **45.** Precision measurements of electromagnetic matrix elements in 10Be as a test of ab initio calculations. **C. J. Lister**, E. McCutchan, M. P. Carpenter, R. V. F. Janssens, T. L. Khoo, T. Lauritsen, E. F. Moore, D. Seweryniak, I. Stefanescu, S. Zhu
- 3:00 Intermission.
- 3:15 **46.** Voyage to the "Island of Inversion". **S. L. Tabor**
- 3:45 **47.** Nuclear halo and skin: A new era in nuclear physics. **R. Kanungo**
- 4:15 **48.** First experiments with the HELIOS spectrometer. **B. B. Back**

WEDNESDAY MORNING

Section A

Salt Palace Convention Center
251 D

Nuclear Structure Using Rare Reactions

I.-Y. Lee and M. A. Stoyer, *Organizers*

- 9:00 **49.** In-beam gamma-ray spectroscopy at RI Beam Factory. **N. Aoi**
- 9:30 **50.** Measurements with rare isotope beams for nuclear astrophysics. **D. W. Bardayan**
- 10:00 **51.** Neutron spectroscopic factors of 34Ar and 46Ar from transfer reactions. **M. B. Tsang**, J. Lee, W. Lynch
- 10:30 Intermission.
- 10:45 **52.** Penning trap mass measurements of thermalized projectile fragments. **G. Bollen**
- 11:15 **53.** Studies of neutron-rich mass-80 nuclei with radioactive ion beams. **A. Galindo-Uribarri**, E. Padilla-Rodal
- 11:45 **54.** Approaching 78Ni along the N=50 line using deep inelastic reactions. **M. P. Carpenter**, R. V. F. Janssens, S. Zhu, B. Fornal, R. Broda, A. Galindo-Uribarri, N. Hodeling, T. L. Khoo, F. G. Kondev, T. Lauritsen, C. J. Lister, E. Padilla-Rodal, D. Seweryniak, J. P. Ureggo-Blanco, W. B. Walters, I. Wang

WEDNESDAY AFTERNOON

Section A

Salt Palace Convention Center
251 D

Nuclear Structure Using Rare Reactions

I.-Y. Lee and M. A. Stoyer, *Organizers*

- 1:30 **55.** Nonsystematic alpha decay and the structure of 101Sn and its neighbors. **R. K. Grzywacz**
- 2:00 **56.** Cd-128: A large problem or a small problem. **W. B. Walters**

- 2:30 57. Neutron transfer measurements around ^{132}Sn . **S. D. Pain**, K. L. Jones, R. L. Kozub, D. W. Bardayan, J. C. Blackmon, K. A. Chippis, K. Y. Chae, J. A. Cizewski, R. Hatarik, R. Kapler, F. Liang, C. Matei, B. H. Moazen, C. D. Nesaraja, D. Shapira, J. F. Shriner Jr., M. S. Smith
- 3:00 Intermission.
- 3:15 58. Examining nuclear vibrations with fast neutrons. **S. W. Yates**
- 3:45 59. Structure studies of nuclei produced in spontaneous fission of ^{252}Cf . **A. V. Ramayya**, J. H. Hamilton

THURSDAY MORNING

Section A

Salt Palace Convention Center
251 D

Nuclear Forensics Cosponsored by I&EC[†]

G. A. Fugate and J. I. Friese, *Organizers*

- 9:00 Introductory Remarks.
- 9:05 60. Superconducting ultrahigh energy resolution gamma-spectrometers for nuclear forensics. **S. Friedrich**
- 9:35 61. Sensors and monitors for trace detection of radionuclides in environmental waters. **J. W. Grate**, M. J. O'Hara, S. R. Burge
- 10:05 62. Evaluating extraction chromatography methods for rapid actinide separations. **J. M. Gostic**, R. C. Gostic, R. Sudowe, K. Czerwinski
- 10:35 Intermission.
- 10:55 63. Closed-vessel microwave digestion method for the complete dissolution of environmental samples for determination of actinides by mass spectrometry. **M. J. O'Hara**, T. C. Maiti, D. L. Bellofatto, M. Douglas, S. L. Petersen, J. W. Grate
- 11:25 64. Population of hot particles: What gamma spectroscopy of individual particles and a population can tell us about a source term. **R. C. Gostic**, J. M. Gostic, C.-A. C. Bias, K. Czerwinski
- 11:55 65. Half-life and gamma abundance ratio measurements of ^{153}Sm . **J. I. Friese**, R. F. Payne, L. R. Greenwood, C. Z. Soderquist, S. J. Garofoli
- 12:25 Concluding Remarks.

THURSDAY AFTERNOON

Section A

Salt Palace Convention Center
251 D

Nuclear Forensics Cosponsored by I&EC[†]

G. A. Fugate and J. I. Friese, *Organizers*

- 1:30 Introductory Remarks.
- 1:35 66. The development of nuclear forensics: A personal view. **S. Niemeyer**
- 2:25 67. Nuclear signature collections from the CETE demonstration. **P. R. Nuessele**, E. Walker, D. Radford, A. Souders, C. W. Alexander, D. B. Hunter, J. R. Cadieux, P. Bowman, S. Walter, J. DeGange, K. Huffman, M. Parker, T. Brown, P. Cable-Dunlap, R. Brunson, J. Ladd-Lively
- 2:55 68. Determination of curium in various matrices. **H. Kurosaki**, S. B. Clark
- 3:25 69. Production of a Cs-Ba chronometric reference material for nuclear forensic measurements. **R. Essex**, S. A. Goldberg
- 3:55 Intermission.
- 4:15 70. Synthesis of core-shell quantum-dot nanoparticles for radiodetection. **J.-Y. Jeong**, A. Paulenova

Please refrain from using cellular telephones and cameras during technical sessions.

- 4:40 71. Nuclear archeology in a bottle: Evidence of pre-Trinity U.S. weapons activities from a waste burial site. **J. M. Schwantes**, M. Douglas, S. Bonde, J. Briggs, O. T. Farmer III, L. R. Greenwood, E. Lepel, C. Orton, J. Wacker, A. Luksic
- 5:10 Concluding Remarks.

ORGN

Division of Organic Chemistry

S. M. Sieburth and
A. F. Abdel-Magid, *Program Chairs*

OTHER SYMPOSIA OF INTEREST:

ACS Award in Industrial Chemistry: Symposium in Honor of George G. I. Moore (see BMGT, Mon)

Claude S. Hudson Award in Carbohydrate Chemistry: Symposium in Honor of Peter H. Seiberger (see CARB, Sun)

Carl S. Marvel Creative Polymer Chemistry Award in Honor of Geoffrey Coates (see POLY, Sun)

Smismman Award Symposium (see MEDI, Mon)

SOCIAL EVENTS:
Social Hour: Sun, Wed

SUNDAY MORNING

Section A

Salt Palace Convention Center
Combo Ballrooms B/D/F

ACS Award for Creative Work in Synthetic Organic Chemistry: Symposium in Honor of Hisashi Yamamoto

B. B. Snider, *Organizer*

- 8:30 Introductory Remarks.
- 8:35 1. Chiral hydrogen bond donors as enantioselective catalysts. **V. H. Rawal**
- 9:20 2. Pd-Catalyzed C-H activation reactions: Diastereoselectivity to enantioselectivity. **J.-Q. Yu**
- 10:05 3. New methods for the preparation of enantiomerically pure all-carbon quaternary stereocenters. **I. Marek**
- 10:50 Introduction of Awardee.
- 11:00 4. Awardee Address (ACS Award for Creative Work in Synthetic Organic Chemistry, sponsored by Aldrich Chemical Company, Inc). Catalytic asymmetric synthesis based on acid catalysis. **H. Yamamoto**

Section B

Salt Palace Convention Center
Ballrooms G&I

Francis P. Garvan-John M. Olin Medal: Symposium in Honor of Kathryn A. Parker Cosponsored by WCC

D. M. Huryn, *Organizer*

- 8:30 Introductory Remarks.
- 8:35 5. Romping with cyclobutenes: From fertilization to antibacterials. **N. S. Sampson**
- 9:10 6. Strategies and tactics inspired by seven-membered rings in natural products. **R. Sarpong**
- 9:45 7. Surface organic chemistry, and how it might affect you someday. **J. Schwartz**

† Cooperative Cosponsorship

- 10:20 8. Modular synthesis for function. **K. B. Sharpless**
- 10:55 Introduction of Garvin-Olin Awardee.
- 11:05 9. Awardee Address (Francis P. Garvan-John M. Olin Medal, sponsored by the Francis P. Garvan-John M. Olin Medal Endowment). Key steps. **K. A. Parker**

Section C

Salt Palace Convention Center
155 A

Biologically-Related Molecules and Processes

R. Holman, *Presiding*

- 8:20 10. Chemical incorporation of tellurium functions into nucleic acids and a novel synthesis of d4Ns via Te-assisted elimination reaction. **J. Sheng**, A. E. A. Hassan, Z. Huang
- 8:40 11. Design and synthesis of novel retinoids: Use of a phenyl group as a polyene chain spacer. **T. Evans**, S. Mahalingam, J. Anguiano, K. Hema, A. Verma, **B. C. Das**
- 9:00 12. Detection of biologically important catechols using alkylcatecholboronates formed in situ in a reaction with profluorescent nitroxides. **R. Braslau**, F. Rivera III, M. Cottman, E. Lillie
- 9:20 13. Development of γ -substituted PNA as versatile scaffolds for multivalent display. **E. A. Englund**, D. H. Appella
- 9:40 14. Development of nucleic acid binding ligands: A unified approach to treating myotonic dystrophy. **C. L. Heinecke**, C. Melander
- 10:00 15. Discovery of photochromic ligands that block voltage-gated potassium channels at the internal TEA binding site. **M. R. Banghart**, A. Mourou, D. L. Fortin, Z. Yao, R. H. Kramer, D. Trauner
- 10:20 16. Efficient solid-phase synthesis of FK228 analogs. **J.-M. Ahn**
- 10:40 17. Inhibition of microRNA miR-21 by small molecules. **D. D. Young**, K. Gumireddy, Q. Huang, A. Deiters
- 11:00 18. Withdrawn.
- 11:20 19. Synthesis of two stereoisomeric deoxyribonucleoside adducts of mitomycin C. **E. Champell**, M. Paz Jr., M. Tomasz
- 11:40 20. Molecular diversity of macrolides from *Phorbas* sp.: New chemical entities at the nanomole-scale. **T. F. Molinski**, D. S. Dalisay, B. I. Morinaka

Section D

Salt Palace Convention Center
155 D

Material, Devices and Switches

A. J. McNeil, *Presiding*

- 9:00 21. Tuning electronic properties of 1-acyloxypropidine-2-thiones (Barton esters) for materials applications. **A. Jankowiak**, A. Januszko, **P. Kaszynski**
- 9:20 22. Controlled liposome destruction through the use of quinone triggers. **N. Hollabaugh**, M. F. Mendoza, R. L. McCarty
- 9:40 23. Design and synthesis of proposed chemosensors for the detection of nerve agents. **R. K. Sit**, T. W. Bell
- 10:00 24. Efficient bulk heterojunction photovoltaic cells, based on C60 and C70 fullerene dimers. **J. L. Delgado**, N. Martin
- 10:20 25. Isobenzofuran containing near-infrared fluorophores for in vivo imaging. **S. Meek**, T. Swager
- 10:40 26. Macrocyclic artificial photosynthetic reaction center organized on a hexaphenylbenzene core. **V. Garg**, G. Kodis, M. Hamburger, T. A. Moore, A. L. Moore, D. Gust
- 11:00 27. Nonpolymeric thermosensitive supramolecule. **J. E. Betancourt**, J. M. Rivera
- 11:20 28. Novel ambipolar host and hole blocking material system for blue electrophosphorescent OLEDs. **A. B. Padmaperuma**, P. K. Koech, L. Cosimbescu, E. Polikarpov, A. Von Ruden, J. T. Darsell, D. J. Gaspar, L. S. Sapochak

Section E

Salt Palace Convention Center
155 B

Total Synthesis of Complex Molecules

S. Rasapalli, *Presiding*

- 8:00 29. The total synthesis of desogestrel. **V. Foucher**, R. Clarkson, B. Linclau
- 8:20 30. Approach to (-)-lepadiformine via an intramolecular sulfonamide-mediated oxidative amidation of a phenol. **H. Liang**, Y. Zhou, S. Canesi, M. A. Ciufolini
- 8:40 31. Bioinspired synthetic strategies to palau'amine and related pyrrole-imidazole marine alkaloids via a common cyclopentane intermediate. **M. Zancanella**, Y.-G. Wang, D. Romo
- 9:00 32. Catalytic asymmetric synthesis of methyl-branched lipids of *Mycobacterium tuberculosis*. **B. ter Horst**, E. Casas Arce, B. L. Feringa, A. J. Minnaard
- 9:20 33. Enantioselective synthesis of (-)-salinosporamide A and derivatives contingent on A1,3-strain-enabled retention of chirality during bis-cyclization of β -ketoamide substrates. **H. Nguyen**
- 9:40 34. Enantioselective total syntheses of amphinolide B1 and the proposed structure for amphinolide B2. **L. Lu**, W. Zhang, R. G. Carter
- 10:00 35. Withdrawn.
- 10:20 36. Progress toward the synthesis of hamigeran B. **M. Hamata**, Z. Cai
- 10:40 37. Progress toward the total synthesis of N-methylwielandtinolone C isothiocyanate. **J. A. Brailsford**, K. J. Shea
- 11:00 38. Progress toward the synthesis of type B polycyclic polypropenylated acylphloroglucinols: Total synthesis of 7-epi-culinarone. **M. P. S. Jayasekara**, R. B. Grossman
- 11:20 39. Toward the synthesis of avCys-hdmHis subunit of thiostrepton. **D. N. Litvinov**, J. Kang, S. L. Castle
- 11:40 40. Progress toward the total synthesis of lycোনadin A. **Y. Zhang**, S. L. Castle

Claude S. Hudson Award in Carbohydrate Chemistry: Symposium in Honor of Peter H. Seiberger Sponsored by CARB, Cosponsored by ORGN

SUNDAY AFTERNOON

Section A

Salt Palace Convention Center
Combo Ballrooms B/D/F

Elias J. Corey Award for Outstanding Original Contribution in Organic Synthesis by a Young Investigator: Symposium in Honor of Brian M. Stoltz

R. Sarpong, *Organizer*

- 1:30 41. Evolution of iterative multicomponent anion relay chemistry. **A. B. Smith III**
- 2:20 42. Streamlining synthesis via predictably selective C-H oxidation. **M. C. White**
- 3:10 43. Synthetic studies of oxindole-containing natural products. **J. L. Wood**
- 4:00 44. Awardee Address (Elias J. Corey Award for Outstanding Original Contribution in Organic Synthesis by a Young Investigator, sponsored by The Pfizer Endowment Fund). Natural products as a driving force for discovery in organic chemistry. **B. M. Stoltz**

Section B

Salt Palace Convention Center
Ballrooms G&I

Organic Chemistry Collaborations

J. M. Schwab and J. A. Ellman, *Organizers*

- 1:30 45. Catalytic C-H bond functionalization for medicinal chemistry and natural product synthesis. **J. A. Ellman**