

MONDAY EVENING

Section A

Salt Palace Convention Center
Hall 5

General Papers

K. Hayslip, *Organizer*

8:00–10:00

1. TECH: Developing professional bonds. **D. Bailey**
2. The history of the National Chemical Technician Award. **D. Bailey**
3. The many faces of CTA. **V. M. Mautino**
4. The applied chemical technology summit. **M. K. Moore**, **V. M. Mautino**
5. What is a Technician Affiliate Group? **J. Engelman**, **M. K. Moore**, **C. Dunn**
6. Bridging the gap between industry and academia for the improvement of chemical technology programs. **T. Pagano**, **L. K. Quinsland**, **A. Ross**
7. Collaboration between industry and education. **J. K. Galotos**, **E. T. Gradney**

CHAL

Division of Chemistry & the Law

A. I. Ahmed and J. M. Brown,
Program Chairs

SUNDAY MORNING

Section A

Salt Palace Convention Center
355 C

Strengthening your Patent Rights in Light of Recent Federal Circuit Court Decisions

J. M. Brown and X. Pillai, *Organizers*,
Presiding

- 9:00 1. Strengthening your future patent rights in light of recent federal circuit court decisions. **J. M. Brown**, **X. Pillai**

Plagiarism: What is it? What Can We Do About It? Sponsored by CHED, Cosponsored by CHAL, ETHC, and CINF

SUNDAY AFTERNOON

Section A

Salt Palace Convention Center
355 C

The Chemistry of Chocolate Cosponsored by PRES

H. M. Peters, *Organizer, Presiding*

- 1:30 2. Chocolate is the food of the gods. **H. M. Peters**, **S. Peters**
- 2:00 3. The chemistry of cocoa. **W. Hurst**, **M. Payne**, **K. Miller**, **D. Staurt**, **J. Apgar**
- 2:30 4. Chocolate: Is it really good for you? **J. A. Vinson**
- 3:00 5. Making the food of gods. **S. Beckett**
- 3:30 Panel Discussion.

Nontraditional Careers in Chemistry

Sponsored by YCC, Cosponsored by Chemical Information Careers Committee, CINF, CHAL, SOCED, CEPA, SCHB[†], and POLY

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

MONDAY MORNING

Section A

Salt Palace Convention Center
355 C

The 25th Anniversary of the Hatch-Waxman Act: Trends in Pharmaceutical Patent Law Over the Past Twenty Five Years: CHAL's 25th Anniversary Series

J. J. Hasford, *Organizer, Presiding*

- 9:00 6. Paragraph IV patent challenges: Undisclosed risks for a blockbuster drug. **J. J. Hasford**
- 9:30 7. The first step to ANDA litigation: Orange Book listability with the FDA. **T. L. Irving**
- 10:00 8. Why Hatch-Waxman is not a model for biosimilars legislation. **S. Watt**
- 10:30 9. Citizen's petitions and their effect on FDA's review of ANDAs. **S. Lee**
- 11:00 Panel Discussion.

MONDAY AFTERNOON

Section A

Salt Palace Convention Center
355 C

The 25th Anniversary of the Hatch-Waxman Act: Trends in Pharmaceutical Patent Law Over the Past Twenty Five Years: CHAL's 25th Anniversary Series

A. I. Ahmed, *Organizer, Presiding*

- 1:30 10. Pharmaceutical patent litigation. **A. I. Ahmed**
- 2:00 11. Patents, competition, antitrust and generic drugs: Resolving Hatch-Waxman Act issues. **K. Drake**
- 2:30 12. FTC scrutiny of patent settlements in Hatch-Waxman cases. **M. McKitthen**
- 3:00 13. Application of eBay injunction standard to pharmaceutical patent litigation. **E. Kunz**

MONDAY EVENING

Section A

Salt Palace Convention Center
Hall 5

Sci-Mix

H. M. Peters, *Organizer, Presiding*

- 8:00–10:00
14. Chocolate is the food of the gods — especially on the Queen Mary 2. **H. M. Peters**
15. National Inventors Hall of Fame Inductees 2009. **H. M. Peters**

TUESDAY MORNING

Section A

Salt Palace Convention Center
355 C

Legal Perspectives on a Shrinking World: Intellectual Property, Business and Regulatory Issues in Nanotechnology

Cosponsored by SCHB and NANO
J. Bunker, *Organizer, Presiding*

- 9:00 Introductory Remarks.
- 9:10 16. When are nanoparticles new chemicals? A size-based criterion for molecular identity. **V. L. Colvin**
- 9:45 17. Biomedical nanotechnology: Patent trends and strategies for protecting your intellectual property. **R. Thiessen**
- 10:20 18. Addressing business and legal issues in nanotechnology start-up companies. **L. Astle**
- 10:55 19. Patenting nanotechnology: A review of recent U.S. Patent Office decisions on nanotech inventions. **J. J. Mallon**

Applications of Crystal Structure Information in Pharmaceutical Materials Development: Honoring Frank Allen Crystal Form Analysis, Experiment and Prediction Sponsored by CINF, Cosponsored by COMP, CHAL, and MEDI

TUESDAY AFTERNOON

Section A

Salt Palace Convention Center
355 C

New Policies Under the Obama Administration Related to Chemistry and the Law

J. Bogart, *Organizer, Presiding*

- 1:00 20. A new light for antitrust developments. **J. Bogart**
- 1:30 21. Emerging issues in clean technology law. **L. Saber**
- 2:00 22. Recent developments for ERISA and health care plans. **S. Labowsky**
- 2:30 Panel Discussion.

Applications of Crystal Structure Information in Pharmaceutical Materials Development: Honoring Frank Allen Scientific and Regulatory Issues of Crystal Forms Sponsored by CINF, Cosponsored by COMP, CHAL, and MEDI

WEDNESDAY MORNING

Section A

Salt Palace Convention Center
355 C

The Law and Chemistry of Dietary Supplement Regulations

S. Turujman, *Organizer, Presiding*

- 9:00 Introductory Remarks.
- 9:10 23. Overview of the Dietary Supplement Health and Education Act: Definition of a new dietary ingredient. **M. McGuffin**
- 9:40 24. Chemistry review of a new dietary ingredient notification at FDA. **S. Turujman**
- 10:10 25. Dietary supplement cGMPs. **B. Williams**
- 10:40 26. Interaction of dietary supplements with drugs: Adverse events. **M. Hardy**
- 11:10 27. USP monographs for dietary supplements: The USP Dietary Supplement Verification Program. **J. Atwater**
- 11:40 28. Label health claims. **L. Israelsen**

WEDNESDAY AFTERNOON

Section A

Salt Palace Convention Center
355 C

The Many Faces of CHAL: Where Chemistry Meets the Law Cosponsored by Kirton & McConkie

J. M. Brown, *Organizer, Presiding*

- 1:30 29. Intellectual property enforcement and defense. **T. E. Zenger**
- 2:05 30. Patentability of chemical inventions: Obviousness of chemical compounds in view of recent court decisions. **J. R. Marrott**
- 2:40 31. Comprehensive, systematic intellectual property capture and management. **K. E. Horton**
- 3:15 Intermission.
- 3:25 32. Prosecution of chemical patent applications in the United States. **C. Metcalf**
- 4:00 33. Global protection of intellectual property. **E. R. Witt**

THURSDAY MORNING

Section A

Salt Palace Convention Center
355 C

The Many Faces of CHAL: Where Chemistry Meets the Law

A. I. Ahmed, *Organizer, Presiding*

- 9:00 34. Biomonitoring: Its expanding role in public health evaluations and litigation. **L. S. Kurfirst**
- 9:30 35. Design patents as part of a chemical IP portfolio. **S. R. Adams**
- 10:00 36. Nanotechnology in consumer products: An update on regulatory responses and litigation. **L. S. Kurfirst**

THURSDAY AFTERNOON

Section A

Salt Palace Convention Center
355 C

Ethics of Access to Copyrighted Scientific Print Publications Cosponsored by ETHC[‡]

E. S. Slater, *Organizer*

J. M. Brown, *Organizer, Presiding*

- 1:30 37. Ethics of access to copyrighted scientific print publications. **E. S. Slater**, **B. D. Crawford**, **C. P. Lake**, **S. King**

COLL

Division of Colloid & Surface Chemistry

J. Texter, *Program Chair*

SUNDAY MORNING

Section A

Salt Palace Convention Center
Combo Rooms 150 A-C

Frontiers in Nanoparticle and Nanoporous Materials

Surface Enhanced Raman Spectroscopy

Cosponsored by NANO

J. Shumaker-Parry and M. D. Porter,
Organizers

C.-J. Zhong, *Organizer, Presiding*

- 8:30 1. Exploring single molecule SERS, the plasmonic periodic table, and plasmon microscopy. **R. P. Van Duyne**
- 9:00 2. Structural control for tuning IR plasmons and local fields of gold and silver nanoscintors. **R. Bukasov**, **J. Shumaker-Parry**
- 9:20 3. Binding kinetics of antibody-functionalized nanoparticles to a rotating capture surface. **R. J. Lipert**, **G. Wang**, **M. D. Porter**
- 9:50 4. Rapid and sensitive detection of herpes simplex virus using a surface-enhanced Raman scattering based immunoassay platform. **H. P. Wampler**, **E. W. Taggart**, **M. C. Granger**, **M. D. Porter**
- 10:10 Intermission.
- 10:20 5. Molecularly-mediated engineering and assembly of nanoparticles. **C.-J. Zhong**
- 10:50 6. Optical properties and applications of rationally designed metal nanostructures: Hollow gold nanospheres. **J. Z. Zhang**, **A. Schwartzberg**, **T. Y. Olson**, **C. Li**
- 11:20 7. Development of surface enhanced Raman scattering immunoassay labels using gold nanoparticles. **M. M. Bradley**, **R. Narayanan**, **R. J. Lipert**, **J. D. Driskell**, **M. D. Porter**