



**Thirty-Fifth National**  
Organic Chemistry Symposium

June

22-26,

1997

Trinity

University

San

Antonio,

Texas



# 35<sup>th</sup> National Organic Chemistry Symposium

June 22 - 26, 1997  
Trinity University  
San Antonio, Texas

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# Symposium Program

Lectures will be held in Laurie Auditorium. The location of the Poster Sessions will be available upon arrival.

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## Sunday, June 22

1:00 - 9:00 p.m. Registration - Witt Reception Center  
8:30 p.m. - Midnight Opening Mixer and **Poster Session**

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## Monday, June 23

7:30 a.m. - Noon Registration - Witt Reception Center, Laurie Gallery  
Morning Session Presiding: **James H. Rigby**, Symposium Officer  
8:30 - 9:00 a.m. Opening Remarks  
Welcome by **Dr. Ronald K. Calgaard**, President, Trinity University  
9:00 - 10:00 a.m. **Albert I. Meyers** Colorado State University  
*Asymmetric Routes to Natural Products*  
10:00 - 10:15 a.m. Questions  
10:15 - 10:45 a.m. Coffee Break  
10:45 - 11:45 a.m. **Chi-Huey Wong** Scripps Research Institute  
*Chemo-enzymatic Approach to Carbohydrate Recognition*  
11:45 - noon Questions  
Evening Session Presiding: **Michael P. Doyle**, Local Organizer  
7:30 - 8:30 p.m. **Jacqueline Barton** California Institute of Technology  
*DNA-mediated Electron Transfer: Chemistry at a Distance*  
8:30 - 8:45 p.m. Questions  
8:45 - 9:45 p.m. **Jonathan Ellman** University of California - Berkeley  
*Synthesis and Applications of Small Molecule Libraries*  
9:45 - 10:00 p.m. Questions  
10:00 p.m. - Midnight Mixer and **Poster Session**

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## Tuesday, June 24

Morning Session Presiding: **Dale Poulter**, Chair-Elect Organic Division  
9:00 - 10:00 a.m. **Albert Eschenmoser** ETH - Zürich and the Skaggs Institute for  
Chemical Biology, Scripps Research Institute  
*Chemistry of Pyranosyl-RNA*  
10:00 - 10:15 a.m. Questions  
10:15 - 10:45 a.m. Coffee Break  
10:45 - 11:45 a.m. **Maurice Brookhart** University of North Carolina  
*Mechanistic and Synthetic Aspects of Olefin Polymerizations Catalyzed by  
Electrophilic Ni(II) and Pd(II) Complexes*  
11:45 a.m. - Noon Questions



Evening Session

7:30 p.m.

Presiding: **Cynthia Maryanoff**, Organic Division Chair

**K. Barry Sharpless** Scripps Research Institute

**Roger Adams Award Address:**

*Catalytic Oxidation of Olefins*

9:00 - Midnight

Mixer and **Poster Session**

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**Wednesday, June 25**

Morning Session

8:30 - 9:30 a.m.

Presiding: **Amos B. Smith, III**, Organic Division Past-Chair

**W. Clark Still** Columbia University

*Progress in the Synthesis of Artificial Antibody Binding Sites*

9:30 - 9:45 a.m.

Questions

9:45 - 10:15 a.m.

Coffee Break

10:15 - 11:15 a.m.

**Paul Reider** Merck Research Laboratories

*New Therapies for AIDS--The Asymmetric Synthesis of CRIXIVAN®*

11:15 - 11:30 a.m.

Questions

11:30 a.m. - 12:30 p.m.

**Franklin Davis** Temple University

*Asymmetric Synthesis Using Sulfinimines (Thiooxime S-Oxides)*

Evening Session

5:30 - 8:00 p.m.

Mexican Fiesta

8:00 p.m.

**Jeffrey I. Seeman** Philip Morris Research Center

*The Human Side of Organic Chemistry. A Photographic Portrait of our Motivations, Our Aspirations and Our Heroes*

9:00 - Midnight

Mixer and **Poster Session**

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**Thursday, June 26**

Morning Session

9:00 - 10:00 a.m.

Presiding: **Steven D. Burke**, 36th Symposium Officer

**Ned Porter** Duke University

*Control of Stereochemistry in Free Radical Reactions*

10:00 - 10:15 a.m.

Questions

10:15 a.m. - 10:45 a.m.

Coffee Break

10:45 - 11:45 a.m.

**Samuel Danishefsky** Columbia University and Sloan-Kettering Cancer Center

*Studies in the Synthesis of Complex Target Structures and Potential Biological Applications*

11:45 - Noon

Questions

Noon

Closing Remarks