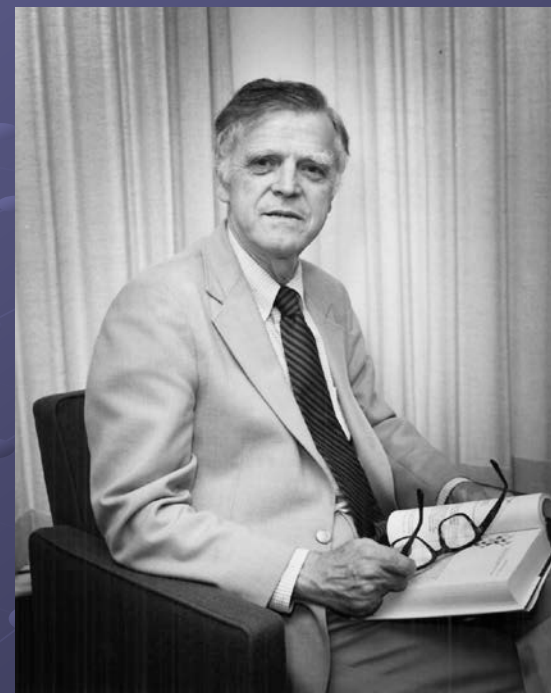


# Catalysis Notables who recently passed away

J. Armor-With special thanks to Umit Ozkan, Burt Davis, and Enrique Iglesia

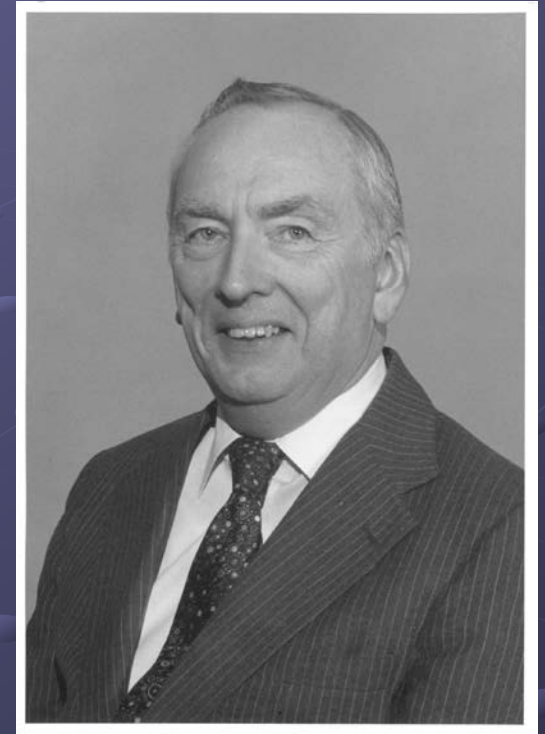
# Robert Lemmon Burwell, Jr.

- Ipatieff Professor at Northwestern University
- A critical influence in formative years of NACS
- President of ICC
- Served on many international committees
- Elegant work on surface intermediates, reaction mechanisms, characterization of active sites
- Several major ACS awards



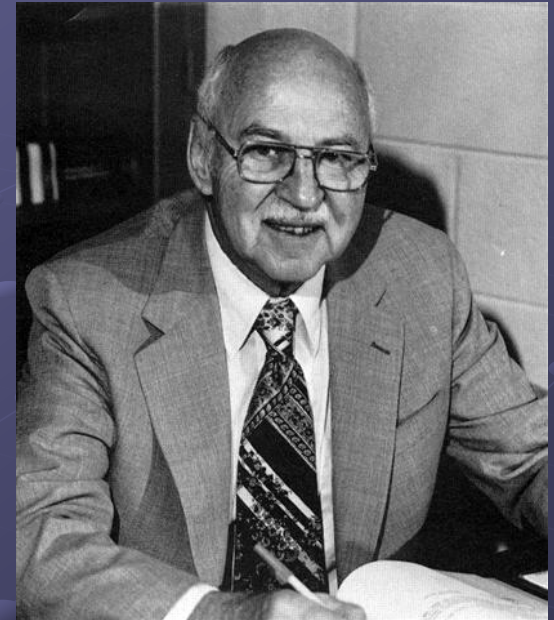
# Maurice Mitchell

- Industrial career at US Steel, Melpar, Inc; Atlantic Richfield, Houdry Catalysts, and Ashland Oil
- Senior manager and strong supporter of catalysis
- Very active in many professional organizations
- Multiple officer roles in NACS
- Helped put NACS on sound financial basis



# Alex Mills

- Houdry Process Corp- Director of Research
- One of original founders of NACS
- Executive director of Catalysis Center at U. Delaware
- >140 articles and 60 patents
- Member of Nat'l Academy of Engineering
- Many national awards





# Paul Grange

- Work on reactivity of solids & catalyst prep
- Studies at University of Lyon and Institut de Recherches sur la Catalyse of CNRS in Villeurbanne.
- Helped to set up catalysis laboratory at Université catholique de Louvain
- 418 publications and editor or co-editor of **11** books or special issues of journals.



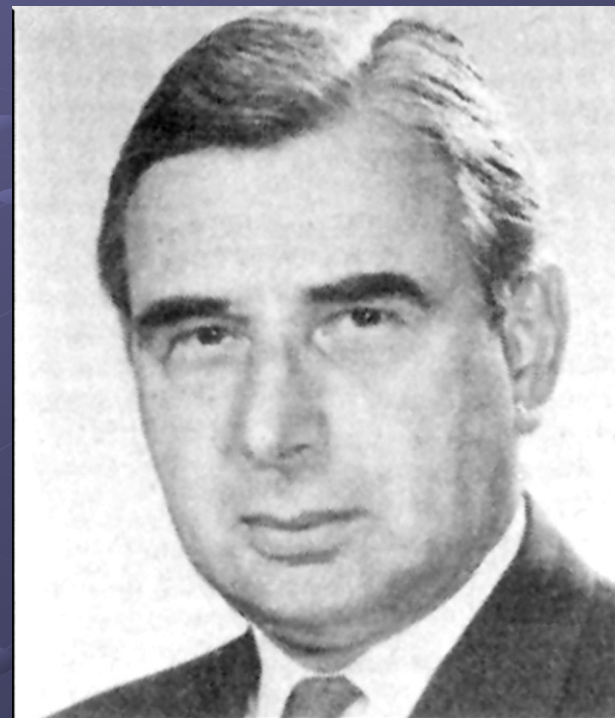
# James Schwarz

- Professor and Chair of Chemical Engineering at Syracuse University
- Elegant work on adsorption and catalyst preparation
- A Fulbright Fellow- Romania
- Very active in ACS divisions
- >225 publications



# Ratimir (Bob) Cvetanovic

- Head of kinetics, photochemistry, & catalysis section of NRC-Canadian Div. Chemistry
- Co-developed TPD technique
- First Catalysis Award in Canada



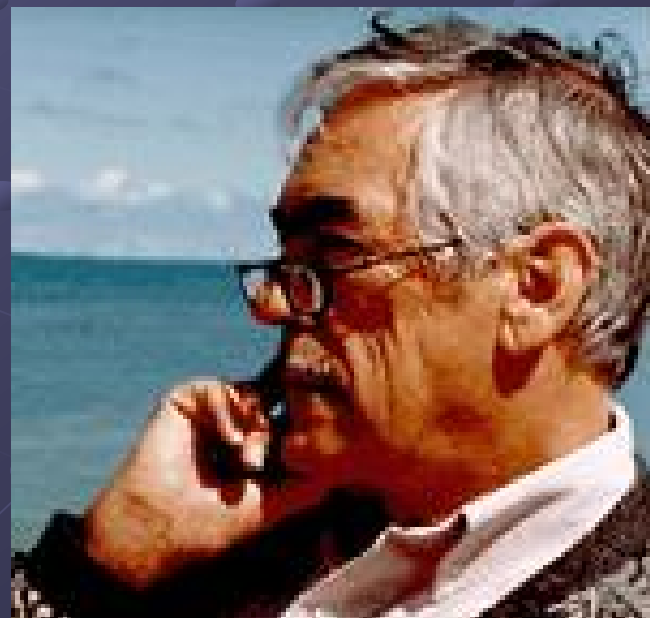
# Robert A. Ross

- Lecturer & Department Head at University of Strathclyde, College of Technology (Belfast)
- Professor of Chemistry and Dean of Science, Lakehead University, Ontario
- Industrial career at Alcan R&D and Domtar Inc.
- Very active in Catalysis Div. Of Chemical Institute of Canada
- Vice-chair, 9<sup>th</sup> ICC, Calgary



# ROBERT ALLEN STOWE

- 36 years with Dow Chemical
- >45 patents
- Very active in ACS, especially IE&C Div.
- Very active in Michigan Catalysis Society and former President
- Parravano Awardee



# Keith Hall

- Senior Scientist, Gulf Oil; Mellon Institute; US Bureau Mines
- University of Wisconsin & University of Pittsburgh
- Very active in Gordon Research Conferences
- >350 papers
- Several national awards
- Editor, J. Catalysis
- >120 co-authors in >350 publications
- Active leader of NACS



# Denise Barthomeuf

- Structure-property relationships of zeolites
- CNRS researcher, worked in Villeurbanne (IRC & University)
- Worked at Rhône Poulenc, Lipha and Exxon in New Jersey
- Very active in IZA
- CNRS silver medal





# George Kokotailo

- 34 years with Mobil Oil
- Very active in IZA
- Noted for solution of structure of ZSM-5
- Alexander von Humbolt Fellow

