

ASAE QUAD CITY SECTION ACTIVITIES: 1979-1980 THROUGH 1988-1989

The following program material is taken from meeting announcements found in the Section archives. As compared to the similar listings for earlier decades of the Section's existence, the following material is not complete. If you would have copies of these later meeting announcements, please share that information with David Smith to help the Section maintain a complete record of its meeting programs.

1979-1980	Chair: Leroy Pickett	Committee Chairs:
	Chair Elect: Glenn Olson	Arrangements: James Hall
	Past Chair: John Wilson	Awards: Robert Clancy
	Vice Chair: Dale Tanis	Career Guidance: Donald Landphair
	Treasurer: Richard Mong	Education: Thomas Hitzhusen
	Secretary: Bill Lundie	Membership: Reed Turner
	Nominating: Alan Swanson	Program: Mark Sommer
		Public Relations: Orlin Johnson
		Steering: Keith Pfundstein

November 15, 1979 - Fall Meeting, Holiday Inn, Davenport, Iowa. Attendance: 191

- 1.) Reliability Concepts in Vehicle Testing - Duane R. Olberts, Manager of Reliability, Deere & Company, Moline.
- 2.) Completing the Axial Flow Line - Dick DePauw, Machine Design Manager, and Dick Staiert, Project Engineer, Grain Harvesting Engineering, International Harvester, East Moline.
- 3.) Deere's 20 Series Combines - D. C. "Bud" Bichel, Division Engineer, John Deere Harvester Works, East Moline.
- 4.) Designing with Engineering Structural Foam - Steven O. Friend, Specialist, Field Market Development and Ronda L. Brooks, Specialist, New Markets, General Electric, Pittsfield, Massachusetts.
- 2.) Agricultural Exports: The Role of the Foreign Agricultural Service - David R. Strobel, Head, Foreign Agricultural Sales Division, USDA.

January 17, 1980 - Winter Meeting, Sheraton, Rock Island, Illinois.

- 1.) Joint Meeting with ASAE Illinois-Wisconsin Region.
- 2.) Synthetic Fuels - Donald W. Robinson, Manager of Alternative Energy Development, Standard Oil.
- 3.) Nickel-Zinc Battery for Electric Vehicles - Larry P. Atkins, Project Engineer, Nickel-Zinc Batteries, Delco-Remy Division, General Motors.
- 4.) Farmer Invented Products - TBA

- 5.) Microprocessor Technology in Agricultural Equipment - Ed Hummel, Product Manager, Dickey-John and Kenneth Jannota, Manager, Marketing Services, Eagle Signal Division
- 6.) Recent Developments in Product Liability - Daniel L. Griffen, Jr., Professor of Industrial Engineering, Iowa State University.

January 31, 1980 - Evening Educational Seminar – Economic Tools for Engineering Decision Making (announced topic).

February 21, 1980 - Clayton House, Davenport, Iowa.

- 1.) 1980 Awards Meeting with entertainment from The Quad Cities Men's Chorale.
- 2.) Energy: Yesterday, Today and Tomorrow - Ralph L. Lewis, Jr., Coordinator, Corporate Communications, Gulf Oil Corporation, New Orleans, Louisiana.

February 23, 1980 – annual Career Day for high school students interested in a career in engineering, presentations in the morning by University personnel at Back Hawk College followed by presentations in the afternoon by Section members and other engineers at the Deere & Company Technical Center. 148 high school students attended.

March 4, 1980 - Evening Educational Seminar – Black Hawk College, Moline.

- 1.) Alcohol Fuels in Diesel Engines - Charles Lewis, Vice President, Corporate Research, Grain Processing Corporation, Muscatine, Iowa and Phillip Myers, Chair, Mechanical Engineering Department, University of Wisconsin, Madison.

April 18, 1980 – Sheraton, Rock Island, Illinois.

- 1.) Annual Meeting noting the Section's 30th Anniversary.
- 2.) Tour: Rock Island Arsenal.
- 3.) Performance of Steered Wheels - Mark S. Sommer, Group Leader, Soil Dynamics, Deere & Company.
- 4.) Computer Simulation of Vehicle Dynamics - David W. Smith, Research Engineer, Deere & Company.
- 5.) Manufacturing of the 2 + 2 Tractor - Richard A. Bald, Energy Coordinator, International Harvester, Hinsdale, Illinois.
- 6.) Design & Development of the 2 + 2 - John J. Bardos and W. L. Schubert, Four Wheel Drive Tractor Engineering, International Harvester, Hinsdale, Illinois.
- 7.) Sunflower Production Practices - Ronald L. Hagemeister, Production and Technical Agronomist, Interstate Seed Company.
- 8.) The Hidden Messages We Send - Robert K. White, Professor of Speech, Black Hawk College, Moline, Illinois.

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	Chair Elect: Dale Tanis	Arrangements: Neil West
	Past Chair: Leroy Pickett	Awards: Page Bellinger
	Vice Chair: Tom Hitzhusen	Career Guidance: Michael Larson
	Treasurer: Mark Sommer	Education: Murray Madsen
	Secretary: Robert Clancy	Membership: Dan Ligenfelser
	Nominating: John Wilson	Program: Jerry Webber
		Public Relations: Larry Brizgis
		Steering: Walt Roll

November 13, 1980 - Holiday Inn, Davenport, Iowa. Attendance: 201.

- 1.) Computer Aided Design and Manufacturing - Robert D. Miller, Senior Engineer, Engineering Systems, Deere & Company and Steve Kretschmer, Engineering Projects Manager, A. O. Smith Harvestore Products, Arlington Heights, Illinois.
- 2.) Product Planning - Robert W. Beaman, Manager, Marketing, Steiger Tractor Company, Fargo, North Dakota and Donald A. Murray, Chief Engineer, Grain Harvesting Equipment, International Harvester, East Moline, Illinois.
- 3.) New Super Torque Belt Drive - Ron Hoback, Project Engineer, Power Transmission Product Development, Goodyear Tire and Rubber Company, Lincoln, Nebraska.
- 4.) Alternative Fuels for Agriculture - Gerald W. Isaacs, Professor, Agricultural Engineering Department, Purdue University and 1980 ASAE President-Elect.

January 22, 1981 - Elks Lodge, Rock Island, Illinois. Attendance: 132

- 1.) Field Data Acquisition - Bill Nordstrum, Manager, Data Acquisition, MTS, Minneapolis, Minnesota.
- 2.) Riding Mower Development by Dynamic Design Techniques - Tom Shupert, Research Engineer, Technical Center, Allis Chalmers, Milwaukee, Wisconsin.
- 3.) Alternative Fuels for Diesel Engines - Carroll Goering, Professor, University of Illinois, Agricultural Engineering Department, Urbana, Illinois.
- 4.) Prediction of Fuels for the Future - Ed Henderson, Petroleum Technical Manager, Growmark, Inc., Bloomington, Illinois.
- 5.) Robotics: Present State of the Art - Norman Maxey, Manufacturing Engineering, Deere & Company.
- 6.) Profile of the Future Engineer - David R. Boylan, Dean of the College of Engineering, Iowa State University.

February 12, 1981 - Evening Educational Seminar - Black Hawk College, Moline.

- 1.) Similitude and Plastic Modeling - Donald F. Young, Professor, Engineering Science and Mechanics Department, Iowa State University and Don Malen, , Advanced Product Engineering Group, General Motors Engineering Staff.

February 21, 1981 _ Engineering Career Day, Black Hawk College. Attendance: 104 high school students.

February 26, 1981 - Blackhawk Hotel, Davenport, Iowa.

- 1.) 1981 Awards Meeting with entertainment from the Moline Boys Choir.
- 2.) Today's Engineer on the Job and at Home - James Hodges, management and personnel consultant.

March 12, 1981 - Evening Educational Seminar - Blackhawk Hotel, Davenport.

- 1.) Human Factors Engineering – Frederick H. Rohles, Jr., Director, Institute for Environmental Research, Kansas State University; Steve Tennyson, Human Factors Engineer, J. I. Case, Racine, Wisconsin; Mark Brauer, Human Factors Specialist, Rock Island Arsenal; and John F. Bennett, President, Dynamic Operational, Inc., East Peoria, Illinois.

April 23, 1981 - Holiday Inn, Davenport, Iowa.

- 1.) Tours of Moline Tool Company and Quad City Die Casting Company, Moline.
- 2.) Hydrostatic Transmissions to Meet Agriculture's Energy Challenge Today - Walter Hull, Senior Project Engineer, and Gary McConeghy, Project Engineer, Sundstrand Hydro-Transmission, Ames, Iowa.
- 3.) Conservation Tillage: Why and Where - John M. Laflen, Acting Research Leader, USDA-SEA-AR, Ames, Iowa.
- 4.) Crop Production with Conservation Tillage - Donald C. Erbach, Agricultural Engineer, USDA-SEA-AR, Ames, Iowa.
- 5.) Management of Conservation Tillage - Thomas S. Colvin, Agricultural Engineer, USDA-SEA-AR, Ames, Iowa.
- 6.) European Products - Tom Crusinbery, Claas of America, and Mike Flenniken, John Deere Ottumwa Works.
- 7.) Issues Facing the Agricultural Engineering Profession - Robert H. Brown, Chairman, Agricultural Engineering Department, University of Georgia and ASAE President.

1981-1982 Chair: Tom Hitzhusen
Chair Elect: Mark Sommer
Past Chair: Glenn Olson
Vice Chair: Robert Clancy
Treasurer: Jerry Webber
Secretary: Larry Brizgis
Nominating: John Ackley
Al Swanson
Walt Roll

Committee Chairs:
Arrangements: Dick Curry
Awards: Ken Kessler
Career Guidance: James Hall
Education: Bruce Warman
Membership: Dave Scheib
Program: Dan Brito
Public Relations: Dave Colgan
Steering: Larry Gay

Note: Due to a job change, Dale Tanis had to resign as Chair. Tom Hitzhusen moved from the Chair Elect position to Chair. Mark Sommer moved from Vice Chair to Chair Elect and Bob Clancy served as Vice Chair.

November 12, 1981 - Holiday Inn, Davenport, Iowa. Attendance: 195

- 1.) Critical Functions for Effective Innovation - J. Daniel Brito, Research Planning Coordinator, Deere & Company Technical Center, Moline.
- 2.) New Product Innovation - J. Robert Allen, Advanced Planning Concepts Group, Deere & Company Technical Center, Moline.
- 3.) Management Criteria for Effective Innovation - Phillip H. Francis, Professor and Chairman, Illinois Institute of Technology, Chicago.
- 4.) Conservation Farming in Rock Island County - Emil Kubalek, District Conservationist, Rock Island County Soil and Water Conservation District, Moline.
- 5.) Herbicides: Today, Tomorrow and ? - Marshall McGlammery, Extension Agronomist, University of Illinois, Urbana.
- 6.) The Legislative Side of the Coin - Robert Walker, Natural Resource Specialist, University of Illinois, Urbana.
- 7.) Combine Design as Seen by:
 - Manufacturing - Art Schoessel, Manufacturing Engineer, John Deere Harvester Works, East Moline, Illinois.
 - Marketing - Dean Bassett, Dean Bassett, Inc., Eldridge, Iowa.
 - Customers - Dave Garner, Farmer, LeClaire, Iowa.
- 8.) Agricultural Engineering and Future Issues - Robert H. Tweedy, Manager, Strategic Planning, Agricultural Equipment Sector, Allis Chalmers, and ASAE President.

January 21, 1982 - Holiday Inn, Davenport, Iowa. Attendance: 170

- 1.) Engineering Integration through CAD/CAM - Roscoe L. Pershing, Manager, Engineering Systems, Deere & Company.
- 2.) CAD/CAM Integration at IH - Richard Haugen, Manager, CAD/CAM Integration, International Harvester, Hinsdale, Illinois.
- 3.) Confidence, Tolerance, Prediction Intervals: What's the Difference and Who Cares? - George S. Kalemkarian, Manager, Operations Services, Deere & Company Technical Center, Moline.
- 4.) Test Planning for Product Engineering: Solving Your Problems a Better Way - J. Fred Husman, Engineer, John Deere Harvester Works, East Moline.
- 5.) Planter Design as Seen by:
 - Manufacturing - Roger W. Curry, Manager, Manufacturing and Plant Engineering, John Deere Plow-Planter Works, Moline.
 - Marketing - Rich Streitmatter, Owner, Streitmatter Implement Company, Brimfield, Illinois.
 - Customers - Tony VanDerSnick, Hog and Grain Farmer, Osco, Illinois.

- 6.) Two Million Toyotas and a Partridge in a Pear Tree - Douglas L. Bosworth, Works Manager, John Deere Plow-Planter Works, Moline, Illinois and ASAE Regional Vice President.

February 4, 1982 - Evening Educational Seminar, Augustana College, Rock Island, Illinois.

- 1.) Desktop Computers: An Overview - Jackie Carter, Marketing Manager, IBM, Moline; and Tom Smith, Sales Representative, Hewlett-Packard, Iowa City; and Pete Soukup, Software Consultant, Memory Bank inc., Bettendorf; and Larry Woods, Manager, Special Purpose Computing, Engineering Systems, Deere & Company, Moline.

February 27, 1982 – Annual Career Day for high school students interested in a career in engineering, presentations in the morning by University personnel at Back Hawk College followed by presentations in the afternoon by Section members and other engineers at the Deere & Company Technical Center. 90 high school students attended.

March 4, 1982 - Blackhawk Hotel, Davenport, Iowa.

- 1.) 1982 Awards Meeting with entertainment by the Geneseo Swing Choir.
- 2.) Basics Today – Basics Tomorrow - George E. LaMore, Jr., Professor and Head, Department of Religion and Philosophy, Iowa Wesleyan College.

March 18, 1982 - Evening Educational Seminar, Augustana College, Rock Island, Illinois.

- 1.) Career Planning - Homer Leymaster, General Manager, Doerfer Division, Container Corporation, Cedar Falls, Iowa; and Wayne Maley, Manager, Member Services, ASAE; and Robert H. Goldie, Manager, Human Resources, International Harvester.

April 15, 1982 - Holiday Inn, Davenport, Iowa.

- 1.) Tour: Track Loader Assembly, Caterpillar Tractor Company, Mt. Joy, Iowa.
- 2.) Productive and Reliable Tractors for the 80's from International Harvester - Robert J. Oliver, Manager, Control Center Engineering, IH Equipment Group, Hinsdale, Illinois.
- 3.) Caterpillar's New Track Loaders: Different by Design - James A. Berkel, Supervising Engineer, Caterpillar Tractor Company, Davenport, Iowa.
- 4.) Product Planning for Europe-Common Market - Lamar Williams, Director, Product & Market Planning Overseas, Deere & Company, Moline.
- 5.) Product Planning for India-Third World - Roy E. Harrington, Manager, Livestock Equipment, Product & Market Planning, Deere & Company, Moline.

- 6.) Product Planning for China-Russia - J. Leonard Buchholz, Retired Manager, Manufacturing & Facilities Planning, International Harvester.
- 7.) Tillage Design: The Viewpoint of Manufacturing - Howard Lewiston, Chief Engineer, Glencoe Plant, Dynamics Corporation of America, Glencoe, Minnesota.
Marketing - Dick Zaun, Zaun Implement, Inc., Indianola, Iowa.
Customer - Bryce Chamberlain, Farmer, Geneseo, Illinois.
- 8.) A Look Back at the History of ASAE and Farm Mechanization - Arnold B. Skromme, Project Manager, Future Product Programs, John Deere Harvester Works. This presentation was in recognition of ASAE's 75th anniversary in 1982.
- 9.) Award Presentation to Elwood F. Curtis, Retired Chief Operating Officer, Deere & Company, for outstanding contributions to the agricultural industry.
- 10.) Recognition of combine corn head as a significant contribution to agricultural equipment history from the Quad City area. Key individuals associated with corn head development: International Harvester – R. L. Francis, A. I. Becker, E. C. Collins, S. Pool and J. Ausland. John Deere – E. H. Lee, K. W. Anderson, W. E. Slavens, C. S. Morrison, F. D. Jones and H. H. Denison.

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	Chair Elect:	Robert Clancy	Arrangements:
	Past Chair:	Tom Hitzhusen	Awards:
	Vice Chair:	Larry Brizgis	Career Guidance:
	Treasurer:	Lyle Stephens	Education:
	Secretary:	Arthur Zimmerman	Membership:
	Nominating:	Erwin Johnson	Program:
		George Womble	Public Relations:
			Steering:
			Kevin Hoehn
			David Colgan
			Jim Basset
			Tom Meyer
			Michael Bayer
			Neil West
			David Wolak
			Ray Oldfather

November 11, 1982 - The Deck, Geneseo, Illinois. Attendance: 150

- 1.) Fall Tour - Grain Handling Facilities of the Bryce Chamberlain farm near Geneseo and the Henry County Ag Service elevator.
- 2.) Human Factors - Bruce Warman, John Deere Harvester Works, East Moline.; John Koutsky, Vice President, Sears Manufacturing, Davenport; and Dr. Harsh, John Deere Medical.
- 3.) Grain Marketing - Gary Steffens, Steffen Farm Supply; Bert Joslin, Farmer; and R. Lohman, Grain Broker.
- 4.) Economic Conditions - Bob Anderson, Vice President, Iowa Des Moines National Bank; Dave Anderson, Deloitte, Haskins and Sells.
- 3.) The Ultimate Commodity - Loren Kruse, Senior Farm Management Editor, Successful Farming Magazine.

January 20, 1983 - Holiday Inn, Moline, Illinois. Attendance: 213 (considered one of the most highly attended Section meetings ever.)

- 1.) Computers in Support of Simulation for Weapons Testing - Robert Radkiewicz, Chief, Software Simulation Center, Rock Island Arsenal.
- 2.) Off-Road Vehicle Simulator for Human Factors Research - Ed Wegscheid, Deere & Company Technical Center, Moline.
- 3.) Options to Increase Your Income - John W. Salter, Blunt, Ellis & Loewi.
- 4.) Tax Advantaged Investments - Donald R. Stanforth, E. F. Hutton.
- 5.) Agribusiness Legislation: State Level - Clarence R. Darrow, State Senator, 36th District, Illinois.
- 6.) Agribusiness Legislation: Federal Level - Andy Montgomery, Legislative Director, Agriculture, Senator Jepsen of Iowa's Staff..
- 7.) The Equipment Business: Facing up to the Economic Facts - Walter Vogel, Executive Vice President, Deere & Company, Moline.

February 24, 1983 – Blackhawk Hotel, Davenport, Iowa. Attendance: 123

- 1.) 1983 Awards Meeting and Guest Night with vocal entertainment by Kelly Wohlford, Miss Scott County.
- 2.) Time Management Workshop - Rick Anderson, Personnel Department, John Deere Harvester Works, East Moline.
- 3.) Ideas Born in the Farm Workshop - Harold Johnson, Editor, Farm Show Magazine, Lakeville, Minnesota.
- 4.) Color Yourself Successful - Pat Wohlford, Color Profiles, Bettendorf, Iowa.
- 5.) Dress Yourself Safe - Wally Smith, Iowa-Illinois Gas & Electric Company, Davenport, Iowa.
- 6.) Praise - Merlin Swanson, local public speaker.

March 10, 1983 - Evening Educational Seminar, Augustana College, Rock Island. Attendance: 41

- 1.) Drives: Electric, Hydraulic, Mechanical - Claus Blensdorf, Training Instructor, Berry Bearing Company; and Steve Marley, Professor, Agricultural Engineering, Iowa State University; and Paul Claar, Instructor, Agricultural Engineering, Iowa State University; and Fred Pollman, Chief Engineer, Applications, Sunstrand Hydro-Transmission, Ames, Iowa; and Jack C. Hohne and Wilfred Diston, TRW.

April 14, 1983 - Holiday Inn, Davenport, Iowa. Attendance: 125

- 1.) Engineering Education as Viewed by Professionals - Gary Crites, Executive Director, Illinois Society of Professional Engineers, Springfield, Illinois.
- 2.) Engineering Education as Viewed by Industry - Roscoe Pershing, Member of Accreditation Board for Engineering and Technology and Manager, Engineering Systems, Deere & Company, Moline.
- 3.) Corn Production Practices and Their Influence in Management Decisions - Jim Telecky, Field Agronomist, Pioneer Hi-Bred International, Mt. Vernon, Illinois.

- 4.) Gates Continually Variable Drive - Richard Steig, Research Engineer, Gates Rubber, Research and Development Division, Denver, Colorado.
- 5.) Circulating Power in the Final Drive of 4WD Vehicles - Nicolae Orlandea, Senior Research Engineer, Deere & Company Technical Center, Moline.
- 6.) Agri-Business Challenges and Opportunities for the Agricultural Engineer in the Year 2000 - John T. Scott, Jr., Professor of Farm Management and Land Economics, University of Illinois, Urbana.

1983-1984	Chair: Robert Clancy Chair Elect: Neil West Past Chair: Mark Sommer Vice Chair: Jerry Webber Treasurer: Arthur Zimmerman Secretary: David Wolak Nominating: Glenn Olson Richard Curry Tom Hitzhusen	Committee Chairs: Arrangements: Tom Meyer Awards: Larry Brizgis Career Guidance: Tom Coffey Education: Travis Unterzuber Membership: Harold Mawdsley Member Services: David Colgan Program: Fred Husman Public Relations: Don Landphair Steering: Arnold Skromme
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November 3, 1983 - Viking Club, Moline, Illinois. Attendance: 150

- 1.) Design and Development of Cummins B Series Engine - representative, Cummins Engine, Columbus, Indiana.
- 2.) Future Needs in Agricultural Equipment Design - Donnell R. Hunt, Professor, Department of Agricultural Engineering, University of Illinois.
- 3.) Future Agricultural Equipment Needs - Bob DeBaille, Farmer, Orion, Illinois.
- 4.) Soil Conservation - Dennis Thompson, Rock Island County Extension Agent.
- 5.) Short and Long Term Effects of Chemical Usage - Richard Corlay, School of Veterinary Science, University of Illinois.
- 6.) Engineering Small Computers for Engineers - Scott Watson, Editor, Doane Publishing, St. Louis, Missouri.

January 19, 1984 - Holiday Inn, Moline, Illinois. Attendance: 150

- 1.) Laser: New Concept in Manufacturing - Arvid Wascheck, Manager of Engineering, Iowa Laser, Cedar Falls, Iowa.
- 2.) Industrial Robots: Applications and Opportunities - Gary Fischer, Manufacturing Engineering, Deere & Company, Moline.
- 3.) Use of the John Deere Dyna-Cart in Tractor Studies - Bob Mayfield, John Deere Product Engineering Center, Waterloo, Iowa.
- 4.) The Effect of Traction Factors on Soil Compaction - Larry Wells, Department of Agricultural Engineering, University of Kentucky.
- 5.) Uncommon Sense in Common Investment - Jim Victor, Shearson/American Express, Davenport, Iowa.
- 6.) Life Insurance as an Investment Alternative - Scott Elsberg, Agent, Northwestern Mutual Life, Moline, Illinois.

- 7.) Planning in the Farm Equipment Industry: Yesterday, Today and Tomorrow - Glenn L. Medhus, Director of Product Planning, Farm Equipment and Consumer Products, Deere & Company.

February 9, 1984 - Evening Educational Seminar, Augustana College, Rock Island, Illinois. Attendance: 37

- 1.) Fatigue and the Design and Testing of Machines - Bill Nybeck and Lee Tucker, John Deere Industrial Equipment Product Engineering Center, Dubuque, Iowa.

March 1, 1984 - Holiday Inn, Davenport, Iowa. Attendance: 120

- 1.) Farm Policy and Economic Conditions - Harold Steele, Past President, Illinois Farm Bureau.
- 2.) On-Farm Computer Usage: Present and Future Needs - Norm Brown, President, FBS, Aledo, Illinois.
- 3.) The Computer as a Sales Tool - Jerry Johnson, CWC-SW Leasing, Mankato, Minnesota.
- 4.) On-Farm Computer Usage: Present and Future Needs - Dick Moore, President, Farm Management Systems, New Lenox, Illinois.
- 5.) Turning the Corner: Trends and Technology Through the 80's - Bill L. Harriott, Research and Development Consultant, Sunnyvale, California and ASAE President.

March 15, 1984 - Evening Educational Seminar, Augustana College, Rock Island.

- 1.) Designing with Plastics - Keith Jacks, Manager, Design Engineering, Glenn Beal Engineering, Inc.; and Gene Payson, Development Representative, Polymer Products Department, DuPont; and Rich Schueller, Senior Development Engineer, Fiber Glass Division, PPG Industries.

April 12, 1984 - Blackhawk Hotel, Davenport, Iowa. Attendance: 165

- 1.) Mock Product Liability and/or Patent Infringement Trial.
- 2.) Product Safety: You Can Make a Difference - Karl Anderson, Product Safety Engineer, Deere & Company, Moline.
- 3.) The Problem with Product Liability - John Hayes, Assistant General Counsel, Deere & Company, Moline.
- 4.) State Banking Regulations - Thomas H. Huston, Superintendent of Banking, State of Iowa, Columbus Junction, Iowa.
- 5.) An Overview of the Farm Banking Situation - Dave Stephens, executive Vice President, Central Trust and Savings, Eldridge, Iowa.
- 6.) Electronics: Service Challenge of the 80's - John A. Conrad, General Service Manager, Deere & Company, Moline.

- 7.) Farm and Dealer Service on Electronic Components - Darrell Farmer, Service Manager, Farm and Construction Equipment, Dickey-John Corporation, Auburn, Illinois.
- 8.) We Need to Rebuild America - William J. Lux, Director, Industrial Product Engineering Center, John Deere Dubuque Works, Dubuque, Iowa.

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	Vice Chair: Art Zimmerman	Career Guidance: Brad Keleher
	Treasurer: Debra Larder	Education: Bill Wohlford
	Secretary: Travis Unterzuber	Membership: Tom Meyer
	Nominating: Mark Sommer	Member Services: David Smith
		Program: Mike McKinney
		Public Relations: Paul Riewerts
		Steering: Bob Wismer

November 1, 1984 – The Deck, Geneseo, Illinois. Attendance: 143

- 1.) John Deere's Rotary Engine Activities - Edward S. Wright, Director, Government Products and Component Sales, Deere & Company, Moline.
- 2.) Computer Modeling of Engine Design and Performance - Bernard B. Poore, Research Engineer, Deere & Company, Moline.
- 3.) New Developments in Chemical Application Technology - Loren Bode, Professor, Agricultural Engineering, University of Illinois.
- 4.) Shallow Incorporation of Herbicides in Conservation Tillage - Dan Schroeder, Product Development Association, Monsanto, Decatur, Illinois.
- 5.) Comprehensive Reliability Testing of Components - David A. Skinner, Test Engineer, John Deere Harvester Works, East Moline.
- 6.) Comprehensive Reliability Testing of Components - Paul D. Eriksen, Reliability Engineer, John Deere Horicon Works, Horicon, Wisconsin.
- 7.) The Science and Art of Reliability - William W. Brixius, - Manager, Reliability Analysis, John Deere Tractor Works, Waterloo, Iowa.
- 8.) After-Dinner Speaker - Donald V. Fites, Vice President, Caterpillar Tractor Company, Peoria, Illinois.

November 29, 1984 - Evening Educational Seminar, Augustana College, Rock Island.

- 1.) Improving Your Personal Productivity - William J. Lux, Manager, Product Engineering Projects, John Deere Dubuque Works.

January 17, 1985 - Viking Club, Moline, Illinois. Attendance: 215

- 1.) China's Appetite for Ag Technology: What's the Scoop? - Terry W. Woods, Project Manager, John Deere Product Engineering Center, Waterloo, Iowa.

- 2.) Exporting Farm Machinery Technology - W. B. McIlvaine Jr., Director of Licensing and Technology, International Harvester Engineering Center, Hinsdale, Illinois.
- 3.) John Deere 15 Speed Power Shift Transmission - Bob Haight, Project Engineer, John Deere Product Engineering Center, Waterloo, Iowa.
- 4.) 50 Series Tractor Transmission Technology - International Harvester Engineering Center, Hinsdale, Illinois.
- 5.) Cultural Practices of Ridge Till - Gyles Randall, Staff Soil scientist, University of Minnesota, Southern Experiment Station, Waseca, Minnesota.
- 6.) Machine Requirements of Ridge Till Planting and Cultivating - Bill Hayes, Marketing Representative, Fleisher Manufacturing, Columbus, Nebraska.
- 7.) After-Dinner Speaker - Jack D. Michaels, Executive Vice President, Worldwide Agricultural Equipment Group, J. I. Case Company, Racine.

February 28, 1985 – The Deck, Geneso, Illinois. Approximately 60 to 75 Henry County farmers attended this meeting along with approximately 100 Quad City Section members. Attendance: 97

- 1.) Farmer-Engineer Roundtable with Panel Discussion Topic of What Makes a Design Feature Desirable - G. Russell Sutherland, Vice President, Engineering, Deere & Company; and Gary Nelson, W. J. Nelson and Sons Inc., Ford and White Farm Equipment Dealers, Opheim, Illinois; and Rick Nelson, Grain Farmer, Cambridge, Illinois.
- 2.) Agricultural Technology and the American Farmer - Larry A. Werries, Director of Agriculture, State of Illinois.

March 14, 1985 - Evening Educational Seminar, Augustana College, Rock Island.

- 1.) Vibration Measurement and Its Applications - Jim Weir, Field Applications Engineer, Bruel & Kjaer Instruments.

April 18, 1985 -- Viking Club, Moline, Illinois. Attendance: 90

- 1.) Agricultural Research (Rotary Cutters on Combine Cutting Platforms, Air Nozzles to Replace the Cutting Platform Reel) - John Hummel, USDA.
- 2.) Agricultural Research and Its Results (Spout Tracker for Forage Wagons, Metal Detection for Forage Choppers, Digital Tachometers) - Terry Pickett, Electronics Project Manager, John Deere Product Engineering Center, Waterloo, Iowa.
- 3.) New Technology in Service Publications - Alton E. Miller, Manager, Service Publications, Deere & Company, Moline.
- 4.) The Eaton Gearless Hydrostatic Transaxle - Dave Giere, Project Engineer, Eaton.
- 5.) New Product Success - Ray Adee, Business Consultant.

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	Past Chair: Neil West	Awards: Mark Sommer
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	Treasurer: Jim Miller	Education: Roger Mott
	Secretary: Tom Meyer	Membership: John Koutsky
	Nominating: John Wilson	Member Services: Paul Parker
		Program: Debra Larder
		Public Relations: Dave Scheib
		Steering: Glenn Olson

October 10, 1985 - ASAE Family Night, John Deere Farming Frontiers Film, Augustana College, Rock Island. Attendance: 50+

November 4-6, 1985 – First Agricultural Machinery Conference, Cedar Rapids, Iowa. The Agricultural Machinery Conference replaced the traditional Fall Meeting in 1985, 1986 and 1987.

January 16, 1986 – Viking Club, Moline, Illinois. Attendance: 118

- 1.) Economics of Agriculture in Developing Countries - Gerald Saylor, Market Economist, Deere & Company, Moline.
- 2.) Transferring Agricultural Machinery Manufacturing to Developing Countries - Judy Miller, Self-Help, Waverly, Iowa.
- 3.) Combine Propulsion: Design for Maximum Mobility - Alan Sheidler, Product Manager, John Deere Harvester Works, East Moline.
- 4.) Soil Compaction - Lyle Stephens, Senior Research Engineer, Deere & Company Technical Center, Moline.
- 5.) The Case for Castings - Ezra L. Kotzin, Vice President, Engineering Services, American Foundrymen's Society, Chicago, Illinois.
- 6.) A Citizen's Perspective of Our Nation's Defense Posture - A. Gregory Gutgsell, Executive Program Manager, Government Products Operations, Deere & Company, Moline.

February 27, 1986 - Holiday Inn, Davenport, Iowa. Attendance: 103

- 1.) Farmer-Engineer Interchange with 60-75 members of the Scott County, Iowa Farm Bureau. Panel discussion on the subject: What Makes a Design Feature Desirable? - Vince Newendorp, Engineer, Vermeer Manufacturing, Pella, Iowa; and Leo Castelein, farm equipment dealer, Geneseo, Illinois; and Derald Doerscher, Farmer, Davenport.
- 2.) The Changing Agricultural Market - Roy W. Uelner, President and Chief Executive Officer, Deutz-Allis Corporation, Milwaukee, Wisconsin.

March 13, 1986 – Evening Educational Seminar, Deere & Company Auditorium, Moline. Attendance: 157

- 1.) Intrapreneuring: A Key to Success in Today's Corporation - Ronald C. Pellman, Consultant, Pinchot & Company, New Haven, Connecticut.

April 17, 1986 - Viking Club, Moline, Illinois. Joint meeting with Quad City Material Handling Society. Attendance: 98

- 1.) Tour: Rock Island Arsenal.
- 2.) The Rock Island Arsenal Mission Today - Tom Showalter, Rock Island Arsenal.
- 3.) Statistically Designed Experiments - George Kalemkarian, Manager, Statistical Management Systems, Deere & Company, Moline.
- 4.) Engineering Applications with Lotus 1-2-3 - Mark Sommer and Reed Turner, John Deere Harvester Works, East Moline.
- 5.) Computer Aided Solutions for Engineers - Dave Wolak, Product Engineering, John Deere Plow-Planter Works, Moline.
- 6.) The Challenge of the North American Farm Equipment Industry - Paul M. Soubry, President, Versatile Farm Equipment Company, Winnipeg, Manitoba.

1986-1987	Chair:	Jim Miller	Committee Chairs:	
	Chair Elect:	Travis Unterzuber	Arrangements:	Jerry Sandau
	Past Chair:	Larry Brizgis	Awards:	Barbara Keleher
	Vice Chair:	David Smith	Career Guidance:	Erwin Johnson
	Treasurer:	John VandeWiele	Education:	Pat Fisher
	Secretary:	Tim Christensen	Membership:	Bob Francis
	Nominating:	Neil West	Member Services:	Don Landphair
		Robert Clancy	Program:	Al Sheidler
		Leonard Buchholz	Public Relations:	Dave Wolak
			Steering:	Glenn Olson

Note: 1985-1986 Chair Elect Art Zimmerman was not able to take over as 1986-1987 Chair so the 1986-1987 Chair Elect (Jim Miller) took over the Chair's position.

January 15, 1987 - Viking Club, Moline, Illinois. Attendance: 87

- 1.) Marketing Gray Iron Castings to Automotive Industries (Pontiac Engine Block Project) - Jack D. Cherry, Account Manager, OEM Sales, John Deere Foundry, Waterloo, Iowa.
- 2.) History and Development of Non-Agricultural Products That Utilize Unused Factory Capacity (Motor Home Chassis Project) - Terry E. Lorenzen, OEM Marketing & Project Engineer, John Deere Waterloo Tractor Works.
- 3.) Current Technology in China - Gerald L. Moeller, Systems Engineering Consultant, Rock Island Arsenal.

- 4.) The Tax Reform Act of 1986: Complexity of Simplification - Bruce L. Balch, Catz, McAndrews, Durkee, Balch and Lefstein, Rock Island, Illinois.
- 5.) Wheat and Chaff...Fact, Fiction and Utopian Dreams - Charles H. Wendel, Historical Consultant and Agricultural Machinery History Author.

February 26, 1987 – Viking Club, Moline, Illinois. Attendance: 53

- 1.) Compact Two Speed Concepts Applied to Low Speed, High Torque Motors - Steve Zumbusch, Product Engineer, Eaton Corporation, Eden Prairie, Minnesota.
- 2.) Current Technology in Indonesia - J. Leonard Buchholz, Retired, International Harvester.
- 3.) Managing Tomorrow's Product Safety and Liability...The Engineer's Challenge - K. L. Pfundstein, Product Safety Consultant, KPS Technology, Rock Island.

April 9, 1987 – Holiday Inn, Moline, Illinois. Attendance: 91

- 1.) Tour: John Deere Foundry, East Moline, Illinois.
- 2.) Austempered Ductile Iron - Kevin Lund, Metallurgical Engineer, John Deere Foundry, East Moline.
- 3.) Lost Foam Casting - David P. Jones, Metallurgical Engineer, John Deere Foundry, East Moline.
- 4.) Panel Discussion of Engine Technology for the 1990's and Beyond - Roy Kamo, President, Adiabatics, Inc., Columbus, Indiana; and Gordon Wright, Manager, Engine Technology, Detroit-Deere Corporation, Romulus, Michigan; and ?, Market Specialist, John Deere Rotary Engine Division, Woodridge, New Jersey.
- 5.) Celebrating and Surviving: The Deere & Company Sesquicentennial - Leslie J. Stegh, Archivist, Deere & Company.

April 30, 1987 - Evening Educational Seminar, Augustana College, Rock Island.

- 1.) Creating the Reasonably Safe Product: The Engineer's Response to Product Liability - Alvin S. Weinstein, Attorney.

1987-1988	Chair: Travis (Rusty) Unterzuber Chair Elect: John VandeWiele Past Chair: Jim Miller Treasurer: Tom Haar Secretary: Don Landphair Nominating: Robert Francis	Committee Chairs: Arrangements: Awards: Dean Yoder Career Guidance: Erwin Johnson Education: Darryl Cain Membership: Dean Yoder Member Services: Program: Public Relations: Art Clever Steering: Dave Scheib
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Note: The position of Section Vice Chair was eliminated after the 1986-1987 Section year.

January 21, 1988 - Holiday Inn, Davenport, Iowa.

- 1.) Magnum Tractor - Ed Kettering, Case IH, Hinsdale, Illinois.
- 2.) New Features of the 580K Loader Backhoe - Donald Reiser, Case IH, Burlington, Iowa.
- 3.) Metal Casting: An Overview - Richard Kryzanek, John Deere Foundry, East Moline.
- 4.) Reaction Injection Molding - John Cerny, Deere & Company Technical Center, Moline.
- 5.) Reducing Cleaning Shoe Losses on a Side Slope - Bob Brown, Claas of America, Columbus, Indiana.
- 6.) Cracked and Broken Corn: What It Means to Frito-Lay - Don Heffelmeyer, Frito-Lay, Sidney, Illinois.
- 7.) Value-Added Agriculture - Roscoe L. Pershing, Head, Department of Agricultural Engineering, University of Illinois, Urbana.

February 18, 1988 - Viking Club, Moline, Illinois.

- 1.) Joint Meeting with Mississippi Valley Section of SAE.
- 2.) Toward an Understanding of Farm Policy - R. Gerald Saylor, Director, Market Economics, Deere & Company, Moline.
- 3.) Tillage Management Implications of the 1986 Farm Bill - Richard R. Johnson, Senior Staff Agronomist, Deere & Company Technical Center, Moline.
- 4.) Development of the Challenger 65 Belted Agricultural Tractor - Robert A. Sutton, Manager, Product and Process Engineering Software, Caterpillar Tractor Company, Peoria, Illinois.
- 5.) Impact of PAMI Test Reports - Les Hill, Project Manager, Combine Testing, Prairie Agricultural Machinery Institute.
- 6.) Impact of New Manufacturing Concepts on Engineering - John Lawson, Vice President, Farm Equipment and Consumer Products Manufacturing, Deere & Company, Moline.

March 24, 1988 - Evening Educational Seminar, Augustana College, Rock Island.

- 1.) Design for Manufacturability - Malcolm Green, Engineer, Deere Tech Services, Moline; and Joseph Myers, Statistical Facilitator, Sheller-Globe Corporation, Keokuk, Iowa; and Archie DuPont, Chief, Engineering and Test Division, Rock Island Arsenal Manufacturing.

April 14, 1988 - Holiday Inn, Moline, Illinois.

- 1.) Meeting the Challenge of Change: Taking a Look at Engineers, Factories and Processes of the Future - John A. Kirk, Production Engineering, Deere & Company, Moline.
- 2.) Challenges of International Procurement of Materials - Allen Warren, Chief Buyer, Case IH, Rock Island.
- 3.) The Real South Africa: Economics, Agriculture, Politics and Engineering - Will A. Hubbard, Jr., Director, Latin America, Australia, the Far East and South Africa, Deere & Company, Moline.
- 4.) China and Tibet: the Eternal Struggle in Agriculture, Engineering and Survival - Leonard Buchholz, Consulting Engineer, Coal Valley, Illinois.
- 5.) Engineering in our New Industry - Glenn W. Kahle, Vice President, Engineering, Agricultural Equipment and Components, J. I. Case.

1988-1989	Chair: John VandeWiele Chair Elect: David Wolak Past Chair: Travis (Rusty) Unterzuber Treasurer: Dean Yoder Secretary: Mike Bayer Nominating: David McFee Douglas Bosworth Glenn Riffe	Committee Chairs: Arrangements: Awards: Career Guidance: Education: Darryl Cain Membership: Member Services: Program: Public Relations: Steering:
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1988-1989 October 20, 1988 - Holiday Inn, Davenport, Iowa.

- 1.) Tapered Bearing Selection: Methods and Criteria - Chuck Lage and John DeGenova, The Timken Company, Moline.
- 2.) Adhesives - Dick Mong, Loctite Corporation, Geneseo, Illinois.
- 3.) Counterfeit Fasteners: A Manufacturers View - Steven W. Vass, Technical Director, Lake Erie Screw, Cleveland, Ohio.
- 4.) Counterfeit Fasteners: A Distributors View - Tommy Grant, President, Grant Fasteners, Houston, Texas.
- 5.) The Role of Engineers in a Period of Change - David H. Stowe, Jr., Executive Vice President, Deere & Company, Moline.

January 26, 1989 - Viking Club, Moline, Illinois.

- 1.) Joint Meeting with Mississippi Valley Section of SAE.
- 2.) Design for Competitiveness - Earl G. Hatfield, Staff Engineer, Production Engineering, Deere & Company, Moline.
- 3.) The Power of Simplicity - C. Grant Bourgeois, Senior Engineer, John Deere Dubuque Works, Dubuque, Iowa.
- 4.) Vendor Selection and Certification: A Manufacturers' Perspective - Donald R. Keil, Quality Manager, General Office, Caterpillar Inc., Peoria.

- 5.) The Certification Process: A Vendors Perspective - Ted H. Ronk, Quality Assurance Manager, McLaughlin Body Company, Moline.
- 6.) Power to the Ground - David P. Schreier, Executive Director, National Tractor Pullers Association.

March 23, 1989 - Evening Educational Seminar, Augustana College, Rock Island.

- 1.) Design of Experiments - George S. Kalemkarian, Manager, Statistical Management Systems, Deere & Company, Moline.

April 13, 1989 - Holiday Inn, Moline, Illinois.

- 1.) John Deere Combine Functional Development: The Path to the Present - John E. Wilson, Product Engineer, John Deere Harvester Works, East Moline.
- 2.) The Maximizer Combines - Gordon Salley, Division Manager, Marketing, John Deere Harvester Works, East Moline.
- 3.) Staying Competitive in a Global Economy - Wilbur Davis, ASAE President.