Cincy – Dayton INFORMS Chapter

Spring Meeting

31 Mar. 2014

Purpose: Discuss Chapter Business – Arnoff Lecture

Date & Time: 1830, 31 March, 2014

Location: Carl H. Lidner College of Business, Room 537

Attendance:

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
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<tbody>
<tr>
<td>Trevor Bihl (Pres)</td>
<td>AFIT</td>
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<tr>
<td>James Cordeiro (VP)</td>
<td>AFIT</td>
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<tr>
<td>O Kellie Schneider (Tres)</td>
<td>UD</td>
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<tr>
<td>O Dave Gerson (Sec)</td>
<td>UC and ILW llc</td>
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Topics:

<table>
<thead>
<tr>
<th>Topic</th>
<th>Leader(s)</th>
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<tbody>
<tr>
<td>Basic Business</td>
<td>Bihl/Cordeiro/Schneider/Gerson</td>
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<tr>
<td>Finances</td>
<td>Schneider (out): $1495.72 current in acct.</td>
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<td>Upcoming MTGs</td>
<td>Bihl</td>
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<td>Webpage</td>
<td>Bihl and Gerson</td>
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<td>Membership</td>
<td>Bihl</td>
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<td>Goals</td>
<td>Bihl and Cordeiro</td>
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<td>Continuity</td>
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<td>Outreach to hosts</td>
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<td>Outreach to other schools</td>
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<td>Activities</td>
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<td>Increase Interest</td>
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<td>Other Business</td>
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Meeting Agenda and Minutes

21 were in attendance (9 from Wright State University, 5 from the University of Cincinnati, 6 from the Air Force Institute of Technology, and 1 from Miami University) at the Spring Cincinnati-Dayton INFORMS meeting. Present were the President and Vice President of the chapter, but no other executive officers. Trevor Bihl called the meeting to order at 6:35PM and examined various items of business. Items in black were agenda items created before the meeting; items in red are feedback and minutes from the meeting.

Basic Business

1. Finances: Our treasurer (unable to be present) reports that we have $1495.72 in our account.

2. Upcoming Meetings:
   - **Summer:** George Pollack has offered to host the summer picnic again. We think this is an excellent opportunity.
   - **Fall:** Our fall meeting is planned to be a technical symposium on August 29. Our group did this once, over 10 years ago, with fond memories still of it. With the recent DoD travel freeze and many other small conferences costing over $100, a cheap local venue could be very attractive and increase interest in our group. Initial responses have been very positive.
   - **Other meetings:** We are working on other meeting opportunities to tour relevant facilities as well. Possibly summer or late fall.

3. Webpage:
   - No apparent active webmaster has been taking care of our webpage for a while. Our webpage was therefore very out of date, and also inconsistently out of date, at the start of 2014. Now, both Dave Gerson and myself have webpage permissions and have made the webpage to be current and up to date.
     - I would recommend that both future presidents and the secretary (or webmaster) have webpage permissions so changes can be made quickly.
     - The webpage is easy to update, but uses a unique INFORMS interface.
   - The webpage also had details of past executive committees from 1995 to 2005, but nothing since 2005. I have updated this based on information from INFORMS and from past annual reports to be current through 2014.
   - We are also going to be more active in using this webpage in the future to post upcoming events.
     - Maggie Martin suggested a Facebook presence, this is currently under consideration.
4. Membership:
  - 93 members are currently in good standing
    - Frank Ciarallo mentioned that this was higher than the nominal level of 80 members in recent years
  - 401 inactive members (many no longer local, but some are semi-active and regularly attend meetings)

**Trevor Bihl and Jim Cordeiro then discussed their goals**

1. Continuity
   a) Keep the same, things that are working well
   b) Extend the folder created by the former president, Mark Friend, of details and files for the president. A few things I’m adding:
      - List of mandated minimum activities and timeline
      - List of contact info and webpages needed to access with INFORMS
      - Draft documents and forms on a CD
      - Contact information for industries, and other local universities to aid in better communications.
      - The president elect will get a copy of these and webpage file on a CD.
   c) Updated webpage and history - done
      - Files will be given to president elect for continuity

2. Outreach to hosts
   - I think we should improve our outreach to hosts by giving a certificate of appreciation or card signed by executive members to future hosts as a gesture. We can also take pictures of these events to put on our webpage.
     - Frank Ciarallo thought this was good idea and suggested we contact INFORMS proper in case they have certificates available.

3. Outreach to other schools
   - We have begun to connect with other schools (OSU, Wilmington, OU, Cedarville, Central State, Wittenberg, and etc.) that have not been present at our meetings before. This is in an effort to expand our membership, not at the expense of our base, and increase our local visibility. Many people were unaware of our presence (some were INFORMS members) and the responses were mostly positive.
     - On that subject, Walden Martinez from Miami University attended this meeting
   - Contact information for interested organizations and persons at these schools will be included in the president’s packet so future presidents know who to outreach to.

4. Expand activities and list of connections for tours.
   - Interested organizations will be included in the president’s packet so future presidents know who to outreach to and when we last toured a given location.
5. Increase interest.

- **Fall MTG:** Our fall symposium meeting is designed to increase interest and expand our visibility.

- **Logo competition:** We know of no extant example of a logo for our chapter. We are considering having a design competition, with online voting to select a winner. I propose applicants and voters should be or become a current member of our chapter.
  - Winner would receive a small award (TBD)

- **Reinitiate the annual Outstanding Young Chapter Member award:** The award winner would then receive the award and give a talk at the Fall meeting (as done previously). I propose applicants and voters should be current members of our chapter.
  - Possibly include a cash award (TBD)?

After discussing these items, it was open to the floor. Elhem Porabi suggested a position of “student member-at-large” to better incorporate student members in the Cincinnati-Dayton INFORMS chapter and at events. This idea was almost universally well received and is currently under consideration. Such a position could help expand INFORMS connections to students and industry as students find jobs.

Pavan Chundi, president of UC’s student INFORMS chapter, mentioned that they have had success with a regular guest speaker and workshop series. This item is currently under consideration as a possible tool for outreach by the Cincinnati-Dayton Chapter.

At 7:15PM, Ed Winkofsky proposed ending the meeting, Frank Ciarallo seconded the motion and the meeting adjourned with attendees directly heading to the Arnoff Lecture at 7:30PM.

Respectfully Submitted,

Trevor J. Bihl

2013-2014 Chapter President
Purpose: Discuss Chapter Business – Arnoff Lecture

Date & Time: 6:00 P.M. 11 Apr

Location: Carl H. Lidner College of Business Rm 537

Attendance:

<table>
<thead>
<tr>
<th>Dr. Mark Friend (Pres)</th>
<th>Dr. Michael Gorman</th>
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<tr>
<td>Dr. James Hamister (Vice)</td>
<td>Mr. Michael Magazine</td>
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<tr>
<td>Dr. James Cordeiro (Treas)</td>
<td>Ms. Marget Martin</td>
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<td>Ms. Jennifer Geffre (Sec)</td>
<td>Dr. George Polak</td>
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<td>Dr. Darryl Ahner</td>
<td>Dr. Mathew Robbins</td>
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<tr>
<td>Mr. Trevor Bihl</td>
<td>Dr. David Rogers</td>
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<tr>
<td>Dr. Jim Chrissis</td>
<td>Mr. Tyler Pierce</td>
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<tr>
<td>Dr. Dick Deckro</td>
<td>Dr. Ed Winkofsky</td>
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<td>Dr. Ed Fry</td>
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Topics:  

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<tr>
<th>Membership Drive</th>
<th>Friend</th>
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<tr>
<td>Continuity</td>
<td>Friend</td>
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<tr>
<td>Financial Update – Chapter Dues</td>
<td>Cordeiro</td>
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<td>Picnic</td>
<td>Friend</td>
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<td>Website Updates: Prior Officer Listing, Minutes</td>
<td>Friend</td>
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<tr>
<td>Interaction with Industry, Toyota Plant Tour</td>
<td>Chrissis</td>
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<tr>
<td>Fall Meeting: Speaker and Location</td>
<td>Friend</td>
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Respectfully Submitted,

Trevor J. Bihl

2013-2014 Chapter President
The fall meeting was called to order by chapter president Ed Winkofsky at 6:30. Ed Winkofsky also acting as Treasurer presented an overview of the finances of the Cin-Day chapter for 2010 and 2011.

<table>
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<tr>
<th>Year</th>
<th>Revenue</th>
<th>Expenses</th>
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<tr>
<td>2010</td>
<td>470</td>
<td>559</td>
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<tr>
<td>2011</td>
<td>430</td>
<td>Pending</td>
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Ed Winkofsky noted the chapter still has a balance of $1975 in the chapter accounts but stressed the need to continue recruiting efforts for the local chapter as well as the need to promote attendance at the chapter events.

The contributions of George Polak were recognized for giving his 15th consecutive fall picnic for the chapter at his home. Ed Winkofsky concluded his remarks by notifying the attending members and students that Cin-Day elections would be held soon.

After the president’s words, John Lucas, the Director of Operations for the Cincinnati Zoo, gave a presentation “Business Analytics at the Cincinnati Zoo – Sustainable Profits for Non Profits”. The talk was well received by the approximately 20 attendees.

Respectfully Submitted,

Mark A. Friend
2010-2011 Chapter Secretary
Cincinnati-Dayton Local Chapter of INFORMS
Minutes of the Spring 2010 Business Meeting
5 May 2010

Carl H. Lindner Hall, Room 537
College of Business
University of Cincinnati

The meeting was called to order by chapter president Jim Chrissis at about 6:20 pm with 7 members in attendance.

1. Presentation of the minutes from the 12 Feb 2010 business for approval. Motion to approve the minutes by Jim Hamister, seconded by George Polak.

2. Jim Hamister presented the Treasurer’s Report. Operating expenses and costs are roughly in balance. The residual cash balance is available to support other activities, such as a job fair under discussion for next fall.

3. Jim Chrissis presented several updates on items from the last meeting. These included a visit to the IDCAST facility and the job fair that was suggested. We need a volunteer to coordinate the job fair activity. Now is the time to start planning for an event in the Fall timeframe. Please contact one of the chapter officers if you would be interested in coordinating this event.

4. Jim Chrissis presented several information items; fliers have been distributed by email:
   a. INFORMS New Initiatives Fund for startup funding.
   b. OR-Ohio event on 28 May at Univ Cincinnati.
   d. Techtalks on 10 May and 17 May at the Engineers Club of Dayton.

5. George Polak proposed holding the picnic at his house this summer unless there are other suggestions from the group. Feel free to comment or suggest. The Chapter certainly appreciates George’s offer.

6. Steve Harrod discussed the status of the Chapter’s web pages. More than one instance of the “official” home page comes up via a simple Google search. The pages are way out of date. Steve volunteered to take over management of the chapter web pages. Jim Chrissis will follow up with Steve regarding proper hosting and to removal and updating of pages.

7. Motion by George Pollack to adjourn; seconded by Jim Hamister.

The meeting was followed by the 19th annual E. Leonard Arnoff Memorial Lecture on the Practice of Management Science.

Submitted by:
Jim Hamister
Acting for the Chapter Secretary
Cincinnati/Dayton Chapter of INFORMS
Minutes of the Spring 2007 Business/Speaker Meeting
Thursday, April 19, 2007

Lindner Hall 608
University of Cincinnati
2925 Campus Green Drive
Cincinnati, OH 45221-0130

The meeting was preceded by social time with refreshments. President Sudhir Kshirsagar called the meeting to order at 6:40 p.m.:

- Minutes from the November 16, 2006 meeting were approved
- Sudhir Kshirsagar brought up the issue of whether the chapter wanted to change its membership dues for regular, retired, or student members. Jack Kanet initiated a discussion on the composition of Chapter membership. There was a query whether membership can be restricted only to people active in the local OH, KY, and IN areas. After some discussion, a motion, proposed by Sudhir Kshirsagar and seconded by Frank Ciarallo, to keep membership dues unchanged was passed.
- George Polak offered to host the summer picnic; he agreed to send members an email proposing a picnic date in late July or early August.
- A date and location for the Fall meeting was discussed. It was proposed that the Fall meeting be held on a Thursday evening after the 2007 INFORMS Annual Meeting (Nov 4-7, 2007, in Seattle, WA). A location between Cincinnati and Dayton, such as P&G’s CETL facility, was suggested.
- Sudhir proposed an officers’ meeting to plan and execute on the Chapter’s 2007 Outstanding Young OR/MS Member competition; the winner would be the speaker at the Fall Chapter meeting.
- The remainder of the meeting was devoted to each present member providing a brief verbal summary of their research interests.

Following the business meeting, members adjourned to join the 16th Annual Arnoff Lecture, on “The Resilient Enterprise” by Dr. Yossi Sheffi from MIT, (http://www.business.uc.edu/PDF/QAOM/ArnoffLectures/File16.pdf)

Respectfully Submitted,

Uday S. Rao
2006-2007 Chapter Secretary.
Cincinnati/Dayton Chapter of INFORMS
Minutes of the Fall 2006 Business/Speaker Meeting
Thursday, November 16, 2006

Student Union, Room E-157
Wright State University
3640 Colonel Glenn Hwy
Dayton, Ohio 45431

The meeting was preceded by social time with refreshments. President Joe Litko called the meeting to order at 7:00:

- Minutes from the May 25, 2006 meeting were approved.
- Joe reported that the Cinci/Dayton Chapter is one of the largest in INFORMS according to data from the chapter officer’s breakfast at the Pittsburgh National meeting.
- Joe reviewed the proposed changes to the chapter bylaws that David Rogers and George Polak have been working on. A summary of the changes included: Emphasis of distribution of information electronically (email/website), specifies the minimum number of annual meetings at 2, defines the members of the nominating committee, and defines tie-breaking procedure for elections. The amended chapter bylaws were approved.
- Sudhir Kshirsagar suggested the holding of a mini-symposium. Dick Deckro described how something similar was held in the past, with poster sessions presented by students and attendance by people from industry with needs for employees with OR skill sets. Presentations on the academic programs/industry activities are also possible.
- The election for the 2006-2007 chapter officers was held. The nominating committee for officer candidates was as described under the new bylaws: VP/president-elect and the two previous presidents. The results of the elections were:
  - 2006-2007 VP/President-elect: Frank Ciarallo, Wright State
  - 2006-2007 Secretary: Uday Rao, U. Cincinnati
  - 2006-2007 Treasurer: Sharif Melouk, AFIT
- Jeff Kharoufeh was named the Outstanding Young Chapter Member for 2006. The selection committee was Sudhir Kshirsagar, Emmanuel Fernandez, Joe Litko. Jeff was presented with a commemorative plaque.
- 2005-2006 VP/President Elect Sudhir Kshirsagar, Global Quality Corp., became 2006-2007 President at the conclusion of the meeting.

Following the business meeting, Outstanding Young Chapter Member, Jeff Kharoufeh, gave a talk titled “Maximizing the Availability of a Periodically Inspected System with Hidden Failures”.

Respectfully Submitted,

Frank Ciarallo,
2005-2006 Secretary
Minutes of the Cincinnati/Dayton Chapter of INFORMS

Winter Business Meeting, November 13, 2003
P&G Corporate Engineering Technology Lab
Union Centre Blvd., West Chester, OH

1. A social period took place about 7:00 to 7:30
2. Opening: 7:30 PM, Chapter President Jim Jacobs (P&G) called the meeting to order, welcoming all in attendance.
3. Approval of Minutes from the 2003 Spring Business Meeting: Jim Jacobs called a motion to approve the minutes as published. The motion was seconded and carried.
4. Treasurer’s Report: The Chapter’s Treasurer, Joe Litko, was unable to attend the meeting, and Jim Jacobs read the report Dr. Litko had prepared: no expenses have been made since last report, and a credit of $215 was credited by INFORMS Headquarters, from the members’ dues. the Chapter’s balance is $1,492.86.
5. Past President Michael Magazine remarked that the Spring meeting 2004 would take place at the University of Cincinnati campus.
6. At 7:35 Jim Jacobs introduced Prof. Frank Ciarallo, Wright State University, who proceeded to give a technical presentation on “Derivative Estimates for a vehicle Traffic Intersection.”
7. A discussion period started at 8:15 on the presentation by Prof. Ciarallo.
8. After the discussion period ended, Jim Jacobs thanked the speaker, and proceeded next to call a vote on the election for the new Chapter Officers:
   a. Emmanuel Fernandez, Vice-President/President Elect, Univ. Cincinnati;
   b. Sudhir R. Kshirsagar, Secretary, Global Quality Corporation;
   c. Joe Litko, Treasurer, Univ. of Dayton;
   d. Jim Jacobs, Past President, P&G.
   e. Michael Magazine, Past President, Univ. Cincinnati.
   The above candidates were unanimously elected, with 10 members present casting votes.
9. The meeting adjourned at 8:34.
1. Opening: 6:45 PM, Chapter President Jim Jacobs (P&G) called the meeting to order, welcoming all in attendance.

2. Approval of Minutes from the Winter 2003 Business Meeting: Jim Jacobs called a motion to approve the minutes as published. The motion was seconded and carried.

3. Treasurer’s Report: The Chapter’s Treasurer, Joe Litko, reported that no expenses have been made since last report, and that a credit of $210 is expected from INFORMS Headquarters. After that credit is received, the Chapter’s balance is projected to be at least $1,487.86.

4. Chapter President Jim Jacobs recognized George Polak for winning the “Moving Spirit Award” from INFORMS for his contributions to our Chapter.

5. Jim Jacobs opened a discussion to identify new activities and initiatives for our Chapter. The following is a summary of comments that followed:
   a. Jim Jacobs: Chapter members could be involved in promoting and building awareness of OR among, e.g., High School students;
   b. George Polak: A compilation of cases where even elementary use of OR and quantitative tools have been successfully used in practice would prove useful;
   c. Uday Rao: Perhaps a repository of OR case studies could be maintained on a web site. Jim Jacobs pointed to the fact that the Chapter already has a web site.
   d. Jeff Camm mentioned that David Rogers goes to local industry to solicit real problems for students in his courses to work on, and that experience works well;
   e. Jeff Kharoufeh: INFORMS already has material ready for promoting OR among High School students.

6. George Polak reminded the audience about the Chapter picnic that he would host in the Summer.

7. The meeting adjourned at 7:12. It was attended by 17 persons. The Arnoff Memorial lecture followed shortly after.
Minutes of the Cincinnati/Dayton Chapter of INFORMS

Fall Business Meeting
December 12, 2002, 7:00 PM
Procter & Gamble Corporate Engineering Technology Center
West Chester, Ohio

1. Opening: At 7:20 PM, Chapter President Mike Magazine called the meeting to order and welcomed all in attendance.

2. Approval of Minutes from Spring 2002 Business Meeting: A motion was called to approve the minutes as published. The motion was seconded and carried.

3. Treasurer’s Report: Outgoing Chapter Treasurer, Emmanuel Fernandez, was not able to be present for the meeting. In his absence, Mike Magazine reported that the Chapter has a balance of $1099. There was no new activity to report.

4. Mike Magazine announced nominations for the 2002-2003 Chapter officers: Vice President/President-Elect: Jeff Kharoufeh, Secretary: Emmanuel Fernandez, Treasurer: Joseph Litko. (Vice President Jim Jacobs assumes the office of President.) The membership voted on the entire slate and all were approved.

5. Mike Magazine called for any old and new business to discuss. There was none.

6. George Polak presented gifts of appreciation to the outgoing officers: Mike Magazine, Jim Jacobs, Jeff Kharoufeh, and Emmanuel Fernandez.

7. At 7:45 PM, Mike Magazine introduced the guest speaker, Dr. Timothy Lowe, who presented, "Managing the Supply Chain at Syngenta.” He spoke until approximately 8:35 PM and then answered questions until approximately 8:45 PM.

8. Adjournment: The meeting adjourned at 8:50 PM. The meeting was attended by 19 persons.
Minutes of the Cincinnati/Dayton Chapter of INFORMS

Spring Business Meeting
May 30, 2002, 7:00 PM
College of Business Administration (Carl H. Lindner Hall)
University of Cincinnati
Cincinnati, Ohio

1. Opening: At 7:10 PM, Chapter President Mike Magazine opened the meeting by welcoming all in attendance.

2. Approval of Minutes from Winter 2002 Business Meeting: A motion was called to approve the minutes as published. The motion was seconded and carried.

3. Treasurer’s report was given. Dr. Emmanuel Fernandez reported that the Chapter has $894.02 at this time. Emmanuel also suggested possible ways to increase revenue for the Chapter such as increasing the Chapter dues to $10.00. The members agreed to consider the suggestion.

4. Chapter President Mike Magazine called for any old business to discuss. There was none.

5. New business: Chapter President Mike Magazine announced the annual Chapter picnic to take place at the home of George Polak. Emmanuel Fernandez announced the participation of several INFORMS 2002 clusters and sessions being chaired by several Chapter members (such as himself, Jeff Kharoufeh, and others).

6. Adjournment: The meeting adjourned at 7:28 PM. The meeting was attended by 11 people. Most meeting attendees listened to the subsequent Arnoff Lecture by Dr. John Birge.
Minutes of the Cincinnati/Dayton Chapter of INFORMS

Winter Business Meeting
February 20, 2002, 7:00 PM
Procter & Gamble Corporate Engineering Technology Center
West Chester, Ohio

1. Opening: At 7:10 PM, Chapter President Mike Magazine opened the meeting by welcoming all in attendance. He also thanked Jim Jacobs, George Polak, and Jeff Kharoufeh for organizing the meeting and providing refreshments.

2. Approval of Minutes from Fall 2001 Business Meeting: A motion was called to approve the minutes as published. The motion was seconded and carried.

3. New Treasurer Introduction: Chapter President Mike Magazine introduced Dr. Emmanuel Fernandez as the new Chapter Treasurer for the current year.

4. Treasurer’s Report: Outgoing Chapter Treasurer Jim Jacobs reported that the Chapter has a balance of $809.33. There was no new activity to report.

5. Chapter President Mike Magazine called for any old and new business to discuss. There was none. The guest speaker, Dr. Uday Rao was then introduced.

6. Dr. Rao presented, "Budget-constrained, Capacitated Hub Location to Maximize Expected Demand Coverage in Fixed-wireless Telecom Networks." He spoke until approximately 8:00 PM and then answered questions until approximately 8:15 PM.

7. Chapter President Mike Magazine introduced the panel discussion by posing the question, “How do OR/MS professionals respond to disruptions such as terrorism and the Enron crisis?” Three panelists contributed their thoughts: Jim Jacobs of P&G, George Polak of Wright State University, and Dick Deckro of the Air Force Institute of Technology. A short discussion followed and lasted until approximately 9:15 PM.

8. Adjournment: The meeting adjourned at 9:15 PM. The meeting was attended by 27 persons.
Minutes of the Cincinnati/Dayton INFORMS Chapter Business Meeting
May 14, 1998
6:30 p.m., University of Cincinnati

14 members were present

1. The minutes from the Fall Business Meeting were approved.

2. A nominating committee of three members is needed to handle nominations for officers for next year. Jack Kloeber (AFIT), Radhika Santhanam (UC) and Ram Pandit (Emery Worldwide) were nominated for this committee. Jeff Camm will contact the members with details.

3. The chapter balance is currently $1,083.86. After a lengthy discussion, we voted to begin charging the following annual dues:

   Students: $0.00  
   Regular Members: $5.00  
   Retired Members: $2.50

   This increase in dues will allow us to continue to do more (to date we have relied on generous donations from some of our members). We believe this increase will have little impact on the size of the membership.

4. Dave Rogers (UC) reported that membership for the chapter stands at 138. We are the third largest local chapter behind New York and Washington.

5. Cincinnati 1999 Report - Dave Rogers reported that planning for the 1999 meeting is on schedule and going well.

6. Future Events - George Polak (Wright State) has graciously consented to once again hold the summer picnic at his house in Dayton. Date and details will be forthcoming.

Submitted by Jeff Camm for John Long.
Minutes of the Cincinnati/Dayton INFORMS Chapter

Fall Business Meeting
November 13, 1997, 7:00PM
Lindner Hall
College of Business Administration
University of Cincinnati

1. Approval of Minutes from Spring 1997 Business Meeting: It was moved and seconded that the minutes from the Spring 1997 Business Meeting be approved as published. Motion carried.

2. Treasurer's Report: The treasurer, W. David Kelton of the University of Cincinnati, reported that the chapter has a balance of $1,319.31. This balance is due in part to a $500 gift from Procter & Gamble and a $200 anonymous gift from a member. Gifts were also solicited from Lexis-Nexis and Kroger. The University of Cincinnati and Wright State University have supported the chapter with donations of refreshments and facilities. The current administration does not intend to impose dues until after the Spring 1999 Conference in Cincinnati.

3. Summer Picnic Report: Approximately forty members and guests attended the picnic. A great time was had by all! A special thanks was extended to George Polak for hosting the picnic.

4. Election of Officers for 1997-1998: The nominations, as presented by the Nominating Committee, were as follows:

   Vice President/President Elect: Richard Deckro, Air Force Institute of Technology
   Treasurer: W. David Kelton, University of Cincinnati
   Secretary: John Long, Lockheed Martin PRICE Systems

   As per the bylaws, Jeffrey D. Camm, University of Cincinnati, succeeds to the Presidency from his current office of Vice President/President Elect. Also George Polak joins David Rogers as a Past President, thus remaining on the Executive Committee. After entertaining any nominations from the floor, it was move and seconded that the Nominating Committee slate be accepted as presented. The slate was then approved by acclamation.

   A special thanks was extended to the Nominating Committee:
   Paul Auclair, Lexis-Nexis
   Ken Bauer, Air Force Institute of Technology
   Vincent Yen, Wright State University.
5. Recognition of Past President: Jeffrey Camm, as his first official duty as President, recognized George Polak for his outstanding leadership as President. George was presented with a gift certificate to this favorite Cincinnati eating establishment.

6. Planning for 1997-1998:
   a) Winter 1998 Mini-Conference: The Winter 1998 Mini-Conference will be held in late January or early February at the University of Dayton. Steve Deming of Wright State University is a possible speaker. Other speakers will be recruited as the Conference approaches.
   b) Spring Arnoff Lecture and Business Meeting: David Rogers reported that Steven Wheelwright has been extended an invitation to speak at the 1998 Arnoff Lecture on May 14th at the University of Cincinnati.
   c) Summer Picnic: George Polak agreed to host the 1998 Summer Picnic. A date in July or possibly August will be selected.

7. Cincinnati INFORMS '99: The Cincinnati INFORMS Meeting is only 18 months away! David Rogers, the General Chair, is expecting an attendance of 2,000. With 45 rooms available, there is adequate space for expansion of the Meeting, particularly sessions from industry. David is looking for an Industrial Liaison, a local High School Liaison, and a Workshop Chair. Anyone interested should contact David.

8. Old Business: None.


10. Adjournment: The meeting adjourned at 7:45 PM and was followed by a presentation by T. Glenn Bailey of the Air Force Institute of Technology entitled "Modeling Joint Airborne Operations Using Object-Oriented Simulation". The meeting was attended by 28 persons.

Submitted by John Long, Secretary.
(1) Nominating Committee and Officers.
We are in need of a committee of 3 to nominate candidates for the offices of Vice President/President Elect, Treasurer, and Secretary for the Fall 1997 Election Meeting. Please volunteer! Also, if you are interested in serving in one of these offices, please contact any of the current officers.

(2) Treasurer's Report.
As thrifty as we are, we nonetheless incur expenses for travel and lodging for guest speakers, receptions and coffee breaks at meetings, and other incidentals. According to Treasurer W. David Kelton's report, $419 remains in the Chapter's coffers after disbursing $477 for the Winter Conference. Those in attendance directed me to seek corporate, institutional, and individual donors.

(3) Appointments.
INFORMS has requested that each chapter president appoint a Webmaster and a Membership Chair. Accordingly, I have appointed Mr. Min Li at the University of Cincinnati as Webmaster. This formally acknowledges the fine work he has already done in developing our web page. Also, David Rogers has graciously accepted my appointment to the post of Membership Chair.

(4) INFORMS Spring 1999
An exciting challenge looms ahead in less than two years: the Spring, 1999 General Meeting of INFORMS will take place in Cincinnati for the first time ever, with over 2,000 members from around the world expected. Previous General Meetings have seen the unveiling of groundbreaking research and landmark results. This event will likely be the first exposure to Cincinnati for many of those who attend. INFORMS is counting on a strong and enthusiastic local chapter for organizational support, and to help show the visitors Cincinnati at its best. Therefore, I ask you to contact General Chair David Rogers, Program Chair Jeff Camm, or me if you would like to be a part of Cincinnati 1999.

(5) Future Events
The Summer Picnic will be held at my home in Centerville, Ohio, in July, while the Fall Election Meeting will be held in November at a location to be announced. Please contact George regarding your preferences for the dates of these events.

Respectfully submitted, George G. Polak, President for John Long, Secretary.
Cincinnati/Dayton INFORMS Chapter
Meeting Minutes
November 14, 1996

The Fall Meeting of the Cincinnati/Dayton INFORMS Chapter was called to order at approximately 7:08 p.m. by Chapter President David F. Rogers. The meeting was preceded by a reception hosted by Wright State University.

The first order of business was the approval of the minutes from the Spring business meeting. The minutes were approved. Jeff Camm, Chapter Treasurer, then provided a summary of Chapter’s finances. David Rogers, on behalf of the Chapter, thanked George Polak, Chapter Vice President, for hosting the Summer Picnic.

The next order of business was the election of new officers. The nominating committee, Michael Magazine, University of Cincinnati; Eleni Pratsini, Miami University; and Jeff Sacket, Veda, submitted the following slate of candidates:

Vice President/President Elect - Jeffrey D. Camm, University of Cincinnati
Secretary - Richard F. Deckro, Air Force Institute of Technology
Treasurer - W. David Kelton, University of Cincinnati

It was moved that the slate be elected by acclamation. The motion was second and passed unanimously. In keeping with the Chapter’s bylaws, George Polak, the outgoing Vice President, assumed the office of President, taking over chairmanship of the meeting.

George thanked David for all of his efforts on behalf of the Chapter, noting that it was David’s initiative and drive that had been the foundation of the efforts to revitalize the Chapter. Gifts were presented to David on behalf of the Chapter, not the least of which was the coveted Pork Rind Award with Pigs Feet Cluster. As outgoing Chapter President, David will serve on the Chapter’s Executive Committee for the next two years, in accordance to the Chapter’s bylaws.

The meeting then turned to a more solemn note as President Polak asked for a moment of silence for Prof. Myron Cox, Chair Emeritus of MSIS at Wright State University, and Richard J. Duffin, University Professor Emeritus at Carnegie Mellon, both of whom recently past away.

The Chapter has initiated a web page, with thanks to Min Li for his efforts. Links to the web page are possible. Two way links are desirable. Those interested should contact Min Li or one of the Chapter officers.

Discussion then turned to the winter meeting and mini-conference. The meeting will be hosted by the University of Cincinnati. We are planning to have several speakers. The Spring business meeting will also be held at the University of Cincinnati, in conjunction with the Arnoff Speaker as has been the Chapter’s practice.
Based on a session at the recent INFORMS meeting in Atlanta for chapter officers, the question of a regional meeting for Chapters was discussed. No firm decision was reached. It was pointed out that it would be important, however, for the meeting to have definite “value added” to be successful. A meeting for a meeting’s sake would not be successful, it was felt.

The membership was reminded that the Spring 1999 National INFORMS Meeting will be held in Cincinnati. All chapter members are encouraged to actively involved in the meeting efforts and activity. To assure that the meeting is a success, the Chapter and its membership will have to take an active roll. Let’s pitch in and put the local area’s best foot forward.

There was no old business.

As new business, it was noted that student INFORMS Chapters can obtain $100 annually from the national office to help defray student chapter expenses. The Chapter felt that it does want to promote the growth of student chapters in the region.

The question was raised if the Chapter could get a list of local INFORMS members, by zip code, to contact about joining the Chapter. George was directed to inquiry after this issue with the national office. David indicated that he would also look into this issue as a member of the Chapters Committee of INFORMS.

There being no further business, a motion was made and seconded to adjourn. The motion carried.

The business meeting was followed by a presentation entitled “Materials Management in Supply Chains” given by Michael Magazine, of the University of Cincinnati, a recognized expert in the area. The presentation stimulated discussion, and was well received and appreciated by the membership.

Submitted By: Dick Deckro, Chapter Secretary
All members and their guests and anyone curious about the Cincinnati/Dayton Chapter of the Institute for Operations Research & the Management Sciences (INFORMS) are invited to attend our Fall Election Meeting and hear Guest Speaker Michael Magazine, Professor & Ohio Eminent Scholar Chair, a chair to span the areas of Quantitative Analysis & Operations Management at the University of Cincinnati.

**Date:** Thursday, November 14, 1996  
**Time:** 6:00 PM Reception for the Cincinnati/Dayton INFORMS Chapter & Guests  
6:45 INFORMS Business Meeting  
7:15 Michael Magazine Speaks on “Materials Management in Supply Chains”  
**Site:** Student Union E157 (See Directions Opposite)  
Wright State University  
Dayton, Ohio

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### MATERIALS MANAGEMENT IN SUPPLY CHAINS

Michael Magazine, Professor & Ohio Eminent Scholar  
Department of Quantitative Analysis & Operations Management  
College of Business Administration  
University of Cincinnati

**Abstract**

I will briefly discuss the importance of effectively managing inventories for supply chain operation. I will also provide a list of the pitfalls of managing supply chain inventories and their symptoms. These pitfalls should be viewed as opportunities for researchers and managers to improve the operation of their supply chain.

**BIOGRAPHICAL SKETCH**  
**MICHAEL MAGAZINE**

Michael Magazine is Professor and Ohio Eminent Scholar in the Department of Quantitative Analysis and Operations Management at the University of Cincinnati. He previously was on the faculty of the University of Waterloo and was the Area Editor for *Operations Research* in Operations, Planning and Scheduling. His interests are in agile manufacturing and supply chain management.
Cincinnati/Dayton INFORMS Chapter
Business Meeting Minutes, 6:30 P.M., May 23, 1996

109 Carl H. Lindner Hall, College of Business Administration
University of Cincinnati

The meeting was called to order by David F. Rogers, President. Minutes for the previous Election Meeting of October 5, 1995 were distributed and unanimously approved by the membership. Thirty-One members of the Chapter were in attendance.

The Treasurer’s report was given by Jeffrey D. Camm. We have a current balance of $1,234.31 as of December 31, 1995 (which is only a slight change from our January 1, 1995 of $1,249.14). About $200 of expenses were occurred for our mini-conference in February which are not included.

Treasurer Camm gave the Vice President’s report for George Polak. He summarized the mini-conference that we had in February at Wright State University. “ORMS in the Miami Valley” attracted around 50 attendees and consisted of 6 presentations of applications of ORMS in the area. Several poster sessions were also given and participants could wander from area to area and view several projects. Thanks to Vice President Polak, Dick Deckro and Jack Kloebner from the Air Force Institute of Technology, and Jim Cochran, University of Cincinnati for organizing this excellent event. Treasure Camm also noted that President Rogers had received the “Moving Spirit Award” from INFORMS for reactivating the Cincinnati/Dayton Chapter. Our chapter has gone from 9 to 140 official members in one year. Each of these members are also official members of INFORMS. Finally, Treasurer Camm noted that Vice President/President-Elect Polak will be in charge of developing a Web page for our chapter over the next year.

President Rogers summarized our activities for the previous year:
Summer 1995 - 1st Annual Picnic at Vice President Polak’s Home in Centerville
Fall 1995 - Election Meeting with Speaker Randy Robinson, Exec. Dir. of INFORMS
Winter 1996 - “ORMS in the Miami Valley” mini-conference at Wright State University
Spring 1996 - Business Meeting with Speaker Al Blumstein, INFORMS President and in conjunction with the 5th Arnoff Lecture on the Practice of Management Science

Our activities for the upcoming year will keep this shell of activities intact. The Summer 1996 Picnic has already been scheduled (see the attached announcement). We plan on having an Election meeting with a speaker, possibly in the Dayton area in the Fall, and again have our mini-conference “ORMS in the Miami Valley” in the Winter, possibly in Cincinnati. Finally, a business meeting will once again be coupled with the 6th Arnoff Lecture at the University of Cincinnati. Other activities can be added but the group seemed to indicate that four activities during the year were sufficient.
President Rogers mentioned that the executive committee will meet this summer and select a nominating committee. Anyone wanting to entertain the possibility of becoming a chapter officer should please contact President Rogers.

Dues for 1997 were discussed. The membership unanimously voted to retain the dues structure as it currently is - FREE! We will not charge dues until our balance indicates that we will need operating funds for an upcoming year. Support from other sources such as corporate donations will be sought to keep dues at a minimum.

President Rogers again mentioned that Cincinnati will host the Spring 1999 National INFORMS Conference. The ensuing discussion was a brainstorming session regarding activities that the local chapter may want to undertake.

Al Blumstein, INFORMS President, spoke to the chapter about the emergence of INFORMS from ORSA and TIMS and the local chapter’s role. The meeting was adjourned at 7:25 PM and everyone attended Prof. Blumstein’s presentation of the 5th Arnoff Lecture - “Youth Violence, Illicit-Drug Markets, and Gun Availability" which attracted around 150.
Cincinnati/Dayton INFORMS Chapter Meeting
February 15, 1996

Location: Rooms 156 A&B, Student Union East, Wright State University
(Take I-675 to exit 17, follow the signs to WSU on N. Fairfield. Left onto Col. Glenn, then right at the WSU Main Entrance, Right into the Visitor's Parking Lot. There is a slight fee.)

Time: 3:30 p.m. to 7:00 p.m.
Thursday, February 15

Theme: OR/MS in the Miami Valley

Anyone, chapter members or others, interested in OR/MS in the Miami Valley (or anywhere else!) is encouraged to attend all or any part of this meeting. The intent is to be a forum and source for interaction for OR/MS activities and capabilities in the region. Please join us and meet your colleagues in operations research and management science in the Miami Valley.

Program:
3:45 Introduction
   Greeting and Brief Overview of the Chapter - David Rogers, UC, Chapter President

Industrial Presentations - What's going on in industry
4:00 Bruce Miller, TASC, "TASC's Resource Allocation Decision Support System"
4:15 Robert Nisbet, NCR, "The Retail Ecology: Bionomics in Retail Forecasting"
4:30 Jeffrey Sackett, Veda, Inc., "Veda's Capabilities in OR"
4:45 John Long, TASC, "Hazardous Materials Cost Tradeoff Analysis"
5:00 Richard Kula, Landrum & Brown, "SIMMOD - An Airspace and Airport Simulation Model"
5:15 Brian Neureuther, WSU, "A Hierarchical Production Planning for Steel Fabricating"

Academic Presentations - What's going on in academia
5:30 University of Cincinnati - David Rogers
5:40 Wright State University - George Polak
5:50 Air Force Institute of Technology - Lt Col Paul Auclair

6:00 General (informal) Discussion - Poster Session and snacks
7:00 Adjourn

If you have any questions, please feel free to contact either
   Dick Deckro or Jack Kloeber at AFIT/ENS
   phone 516-255-6565 ext. 4325 Dick, ext. 4336 Jack,
   fax 513-476-4943
   email rdeckro@afit.af.mil jkloeber@afit.af.mil
   or
   George Polak at the MSIS Department at Wright State University
   phone 513-873-3489
   fax 513-873-3545
   email gpolak@desire.wright.edu
February 15, 1996

Location: Rooms 156 A&B
Student Union East
Wright State University

Time: 3:30 p.m. to 7:00 p.m.
Thursday, February 15

Theme: OR/MS in the Miami Valley

Tentative Program:
3:45  Introduction
  Brief Overview of the Chapter
4:00  Industrial Presentations - What’s going on in industry
  Academic Presentations - What’s going on in academia
6:00  General (informal) Discussion - snacks
7:00  Adjourn

Firms are invited to give up to a 20 minute presentation on what OR/MS activities are
going on in their companies. If an group would rather do a poster session, they may, but
we encourage you to give a short presentation.
Schools will present educational opportunities, programs, and/or research efforts.
Room will be made available for poster boards on your operation if you present or not.

If you would like to participate, please contact either Dick Deckro at AFIT/ENS (phone
516-255-6565 ext. 4325, fax 513-476-4943, or email rdeckro@afit.af.mil) or George
Polak at the MSIS Department at Wright State University.( what numbers do you want in
here ?) Please let us know if you wish to participate by Monday, January 22, so we can
get a schedule out.

Anyone interested in OR/MS in the Miami Valley (or any where else!) is encouraged to
attend, whether they belong to the Chapter or not. The intent is to be a forum and source
for interaction for OR/MS activities and capabilities in the region. While we hope that
folks will come for the entire meeting, feel free to come for what you can.
Cincinnati/Dayton INFORMS Chapter
Election Meeting Minutes, 7:00 P.M., October 5, 1995

109 Carl H. Lindner Hall, College of Business Administration
University of Cincinnati

The meeting was called to order by David F. Rogers, Interim President, who recognized the other officers, George Polak, Interim Vice-President, Jeffrey D. Camm, Interim Treasurer, and the Executive Director of INFORMS, Randall S. Robinson. Jose Arantes, Interim Secretary, was unable to attend. Twenty-Eight members of the Chapter were in attendance.

Interim Pres. Rogers reviewed Chapter activities since reorganization. Activities have included an Executive Committee Meeting (minutes were and remain available). The Bylaws of the Cincinnati/Dayton Chapter were approved by the Executive Committee subject to two minor changes: 1) Wording was changed to indicate that the officers were responsible to INFORMS for “all Chapter activities” and not “all activities” and 2) The last two immediate past presidents are on the Executive Committee, not just the last one immediate past president.

An extensive electronic mail list is being assembled by Interim Pres. Rogers to communicate effectively with the membership, the INFORMS home office, and others in the Cincinnati/Dayton area. Please provide your e-mail address to remain abreast of activities. US Mail will be employed to remain in touch with those without e-mail. The Cincinnati/Dayton Chapter has a site on the INFORMS Web page. Minutes and other information will be regularly updated. Check it out!

Interim Vice President Polak was applauded for his hospitality for supplying his home and labor for the First Annual Cincinnati/Dayton INFORMS Chapter Summer Picnic.

Interim Pres. Rogers recognized the Nominations Committee and thanked them for their service. The nomination committee was:
Richard F. Deckro, Air Force Institute of Technology
James J. Cochran, University of Cincinnati
Frederick R. Watson, University of Cincinnati

Annual dues have been reduced from $7.50 to FREE until January, 1997. The Executive Committee will examine reinstating a nominal $5-$10 fee then.

Activity intentions for the upcoming year include but are not limited to:
Winter - Miami Valley ORMS Academic and Job Fair - Richard F. Deckro and
Interim Vice-President Polak are jointly planning a forum for local universities to present their academic programs in ORMS and related areas. Local businesses that would like to hire such graduates will also be sought. Volunteers and ideas are
being solicited. Please contact Dick Deckro at Rdeckro@afit.af.mil, (513)255-6565 extension 4325 or George Polak at Gpolak@desire.wright.edu, (513)873-3489.

Spring Meeting - A general membership meeting will be held before the 5th Annual E.

Leonard Arnoff Memorial Lecture held at the University of Cincinnati. Past speakers have been: Gene Woolsey, Thomas Cook, Saul Gass, and Russ Ackoff. This lecture series is the premiere non-conference ORMS related lecture series in the world.


A proposal is being put together by Interim Pres. Rogers to promote having the National INFORMS Conference in Cincinnati in the Spring of 2000. The Chapter was in overwhelming support.

Interim Treasurer Camm provided the Chapters’ balance: $1,282.24 less approximately $114 to pay for the Summer Picnic leaving us with an approximate working balance of $1,168.24.

Richard F. Deckro, Nominations Committee, lead the voting for the officers’ election. The slate of candidates was:
President: David F. Rogers, University of Cincinnati
Vice-President: George Polak, Wright State University
Secretary: Jose C. Arantes, University of Cincinnati
Treasurer: Jeffrey D. Camm, University of Cincinnati

Nominations were opened to the floor and no other nominations were received. A motion was made and seconded that the slate of candidates be approved by acclamation. The candidates were all unanimously approved.

Jack Kloeber, Air Force Institute of Technology, made several good suggestions: 1) Some type of refreshments should be available for meetings, 2) A token of our appreciation should be given to speakers, and 3) A directory of members and their interests should be available. Pres. Rogers will work on 2) and 3) and encourage all Cincinnati/Dayton Chapter activity organizers to always include refreshments.

Pres. Rogers again introduced the speaker, Randall S. Robinson, First Executive Director of INFORMS. His talk was entitled “INFORMS Takes Off”. Randy highlighted his vision of INFORMS and the many issues involving our profession. A discussion of many facets of the ORMS profession and INFORMS ensued.
Cincinnati/Dayton INFORMS Chapter  
Executive Committee Meeting Minutes  

May 31, 1995, 4:30 P.M.

Location:  
Department of Quantitative Analysis & Operations Management  
College of Business Administration  
University of Cincinnati  
531 Carl H. Lindner Hall

In Attendance:  David F. Rogers, Interim President  
George G. Polak, Interim Vice President  
Jeffrey D. Camm, Interim Treasurer  
Jose C. Arantes, Interim Secretary

The interim officers were elected by a mail vote of the current dues paying members which is now at around 18 and were called to assemble by Interim Pres. Rogers who noted that Yupo Chan of the Air Force Institute of Technology had shown some conditional interest in serving if needed.

The first order of business was to consider the new Bylaws for the Chapter that resulted with the merger of ORSA and TIMS to INFORMS. The generic Bylaws were not found to be acceptable in their present form. In particular, Article III, 3. indicates that dues shall be payable on Jan. 1 of each year and there was interest to possibly changing this to September 1. Article VI, 1. The immediate past president is a member of the Executive Committee and discussion of making this two immediate past presidents was approved. And now the BIGGIE - Article XI, 1. states that “The Chapter and its officers are accountable to the Institute for all their actions”. None on the executive committee wanted to be responsible to anyone for "all" of our actions and certainly not INFORMS. None of the 4 Executive Committee members wanted to buy into this! We want to reword it to "actions concerning this chapter". The Bylaws were approved subject to these changes. Pres. Rogers will confer with Vicki Sauter to coordinate changes in the Bylaws and also contact the Washington ORMS Council (WORMSC) to determine what changes they allegedly made and if we should consider more Bylaw changes.

Dues are currently $7.50 for joining the Chapter. The Executive Committee approved reducing the fee to $0.00 for about a one year period to stimulate interest and to obtain a local mailing list. Pres. Rogers will notify the INFORMS office of the change after the billing period for dues is settled in the Bylaws. The current balance is $1,234.14 and this has accumulated slowly over several years. We will need to reinstate a nominal dues structure for the local chapter after the freebie year.
Minutes, announcements, newsletters, etc., will be distributed over e-mail to all members and interested parties. Please contact Pres. Rogers with your current e-mail addresses to keep receiving information.

According to the Bylaws, the Executive Board must appoint three members of the Chapter to serve on the nominating committee. Unanimously elected to this committee were: James Cochran, Frederick R. Watson, and Richard F. Deckro. These three members will confer and present a candidate slate of one or more candidates per position. The current interim officers all expressed interest in being considered for the positions.

V.P. Polak graciously agreed to hold a picnic-style reception for all members and prospective members at his home just south of Dayton. This should be a fairly nice central location for most of us. The tentative date is Friday, July 28. Be on the lookout for more information regarding this function. All family and friends are invited. Hamburgers, hotdogs, fixins, and refreshments will all be served. Y’all come!

A local organizing committee spearheaded by Pres. Rogers is examining the possibility of having INFORMS in Cincinnati in the Spring of 2000. It was unanimously agreed that the local chapter would strongly support this activity.

Pres. Rogers noted that he is running for a Director’s position for Division A, all chapters and student chapters, and asked for support. Everyone officially registered for a chapter or student chapter will be able to vote.

A letter from John Quillinan, Chapters Committee Chair, dated Feb. 4, 1994, mentioned that a board member from INFORMS was available to speak to local chapters. Pres. Rogers will examine this opportunity for a fall election meeting for all members. The possibility of getting Michael Magazine, joining the faculty at U.C. as the Ohio Eminent Scholar for Quantitative Analysis and Operations Management, to speak in late fall early winter was also discussed and will be examined.