

Process Research Workshop: A Spectrum of Methods, AOM PDW, Saturday, August 6

- > 102 SPDW: (RM, BPS, OB, OMT, TIM) Process Research Workshop I & II A Spectrum of Methods
8:30am - 11:30am; 1 – 4 pm Hawaii Convention Center: Room 311
- > Pre-registration required at <https://spears.okstate.edu/rmdpdwregister>. There is a \$15 fee for non members of the Research Methods Division.
- > Presenters: **Ann Langley**, HEC Montreal; **Kevin Dooley**, Arizona State U.; **Marshall S. Poole**, Texas A&M U.; **Andrew H. Van de Ven**, U. of Minnesota

Process Research Workshop: A Spectrum of Methods Agenda

- | | |
|-------|--|
| 8:30 | Welcome & Introductions |
| 8:45 | Process Research Epistemology – Scott Poole |
| 9:15 | Small Group Exercise in studying a problem as a process |
| 9:45 | Discussion and Break |
| 10:15 | Designing Process Research Studies – Andy Van de Ven |
| 10:30 | Small Group Exercise in designing a process study |
| 11:00 | Discussion |
| 11:30 | Conclusion – Lunch on your own |
| 1:00 | Qualitative Methods for analyzing process data – Ann Langley |
| 1:30 | Exercise in writing a process study |
| 2:00 | Discussion and Break |
| 2:30 | Quantitative Methods for analyzing process data – Kevin Dooley |
| 3:00 | Small group discussions |
| 3:30 | Concluding Discussion |
| 4:00 | End |

8:45 - Epistemology of Process Research



Marshall Scott Poole
Texas A&M University

- The Meaning of Process
- Ontological views of Process
- Process and Variance Methods
- Cognitive Transitions
- Exercise: Study a problem as a process

10:15 - Designing Process Research Studies



Andy Van de Ven
U. Of Minnesota

- Basics of Process Research
- Designing Field Studies
- Analyzing Process Data
- Exercise: Design a process study

1 p.m. - Qualitative Methods for Analyzing Process Data

- Narrative Strategy
- Template Matching
- Grounded Theorizing
- Visual Mapping
- Temporal Bracketing
- Synthetic Strategy
- Quantitative Strategy



Ann Langley
HEC, Montreal

2:30 p.m. - Quantitative Methods for Analyzing Process Data



Kevin Dooley
Arizona State University

- Analyzing Event Sequence Data
- Structures of Event Time Series
- Models for examining different structures of time series
 - Orderly data
 - Chaotic data
 - Random data

Participants' Questions for Morning Session

1. Discuss representation in process research and the relevance of personal experience in field research in light of Bourdieu's (2003) "Participant Objectivation."
2. Who offers courses dedicated to process research methods? What are platforms for process scholars to exchange ideas and methods?
3. How do you combine different theories?
4. When do you begin and end a process study?
5. How do real-time study when we only know ex post what processes/events lead to outcomes.
6. Process Research has been criticised for its use of second hand retrospective reports, not considering managerial agency issues, its lack of practical relevance, the absence of consideration for content (diversification, internalization context) and the difficulty to generalise from some in-depth empirical studies. (Johnson, Melin et al. 2003). Are these critics justified?

Participants' Questions for Afternoon Session

Data Analysis Questions::

- How trace processes of interest in large qualitative data files of news articles, proceedings, organizational reports, emails, etc?
- What are the most appropriate statistical packages?
- When do you use parametric vs. non-parametric tests in event-based process analysis? More generally, what tests are available?
- How do you apply multiple models (or templates) in one paper given the page limitations of ordinary management journals?

Writing/Reporting/Presenting Process Research Findings:

- How present 'process of analysis' demonstrating how you got from data to findings within page limits?
- How balance qualitative & quantitative findings? I fear reviewers place inordinate weight on the supporting quantitative methods, and kill papers that are mostly qualitative in nature.

Process Research Workshop Web Page

Process Research Workshop: A Spectrum of Methods
AOM Honolulu, Hawaii Conference

Saturday, August 6, 2005, 8:30 a.m.-4:00 p.m.
Hawaii Convention Center in Room 311

[Overview](#)

[Registration & Requirements](#)

[Schedule](#)

[Papers](#)

[Links](#)

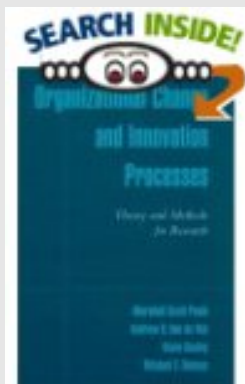
[Contact](#)

<http://webpages.csom.umn.edu/smo/avandeven/ProcessResearch/Process%20Research%20Workshop.htm>

Sourcebook for Process Research Methods *25% Discount at Oxford U. Press Both*

Marshall S. Poole, Andrew Van de Ven, Kevin Dooley, and Michael Holmes,
New York: Oxford University Press, 2000.

1. Perspectives on Change and Development
2. Process Theories and Narrative Explanations
3. Process Theories of Organizational Change
4. Overview: Methods for Process Research
5. The Design of Process Research Studies
6. Stochastic Modeling
7. Phasic Analysis
8. Event Time Series Regression Analysis
9. Nonlinear Dynamical Analysis
10. Conclusions



8:45 - Epistemology of Process Research



Marshall Scott Poole
Texas A&M University

- The Meaning of Process
- Ontological views of Process
- Process and Variance Methods
- Cognitive Transitions
- Exercise: Study a problem as a process

Process Modeling Exercise – 30 minutes

Choose one of the three questions and develop a process theory:

1. How do new products develop?
2. How do illegal schemes like those perpetrated in Enron, Global Crossing, and Tyco develop and how do they contribute to the success and/or failure of firms?
3. How do major strategic reorientations occur?

Be specific about your assumptions and the nature of the process. Your model should utilize one or more of the four developmental motors and it should be situated in one of the four quadrants of the process ontology-epistemology grid that we just discussed.

Please outline or illustrate your model on a flip chart sheet to share with the larger group in a 3-4 minute description of your model.

10:15 - Designing Process Research Studies



Andy Van de Ven
U. Of Minnesota

- Basics of Process Research
- Designing Field Studies
- Analyzing Process Data
- Exercise: Design a process study

Design a Process Study Exercise – 30 minutes

- **Design a process study to examine your question/problem in a field research setting.**
- **Consider the issues in the handout when designing your study.**
- **What design issues did you find difficult and require further discussion?**

1 p.m. - Qualitative Methods for Analyzing Process Data

- Narrative Strategy
- Template Matching
- Grounded Theorizing
- Visual Mapping
- Temporal Bracketing
- Synthetic Strategy
- Quantitative Strategy



Ann Langley
HEC, Montreal

2:30 p.m. - Quantitative Methods for Analyzing Process Data



Kevin Dooley
Arizona State University

- Analyzing Event Sequence Data
- Structures of Event Time Series
- Models for examining different structures of time series
 - Orderly data
 - Chaotic data
 - Random data

3:45 p.m. - Concluding Workshop Discussion

- **Questions, comments, suggestions**
- **Responses by workshop faculty**
- **Web site and resources for continuing our discussion**