I General Information

Name	Bruce Desmarais
Highest Degree and Date	
Department	Political Science
College	Social & Behavioral Sciences
Rank	Asst. Professor
Years in Current Rank	1
Tenure Decision Date	
Appointment Date	9/1/2010

II Teaching Activity

II.A Instructional Activity, Credit Based

II.A.1 Scheduled Instruction

Semester	Course	No. Credits	No. Students	Co-Taught?	Inter-disciplinary?	Comments
Fall	POLISCI 297R ST-OffclSecrecy in the US Govt	3	12	no		
Fall	POLISCI 297R ST-OffclSecrecy in the US Govt	3	22	no		

II.A.2 Independent Study or Practica

None

II.B Instructional Activity, Non-Credit Based

Starting Date	Ending Date	Location	Course Name	Audience On Campus?	No. Participants
4/9/2011	4/9/2011	Thompson Hall 620, UMass Amherst	Political Network Analysis Workshop	yes	22
5/4/2011	5/4/2011	Ohio State University	Political Network Analysis Workshop	no	78
7/18/2011	7/29/2011	Inter-university Consortium for Social and Political Research, University of Michigan Ann Arbor	Advanced Bayesian Models for the Social Sciences	no	12

II.C Changes in Teaching Approach or Responsibilities

None

II.D Advising

II.D.1 Doctoral, Masters and Honors

Role	Level	Advising Type	Student	Major
Member of Committee	Undergraduate	Honors Thesis	William Card	Political Science
Member of Committee	Doctoral	Master's Thesis	Rachel Shorey	Computer Science
Member of Committee	Doctoral	Master's Thesis	Peter Krafft	Computer Science
Other: Research Supervision	Doctoral	Other: Research Assistant	James Aaron	Political Science
Other: Collaborator	Doctoral	Other: Research article submitted for presentation at MPSA	Michael Kowal	Political Science

II.D.2 Undergraduate and TA/TO

Departmental Majors	1
Interdisciplinary Majors	0
College Majors	0
Pre-professional Students	0
Certificate Students	0
Other Undergraduates	0
Explanation of Other	
Graduate TAs	0

Peter Toy; Undergraduate Research Assistant for the fall and spring semesters.

II.E Instructional Materials

Type	Status	Refereed	Bibliographic Info
Workbook	Published	no	Bruce A. Desmarais. Desmarais, Bruce A., Political Network Analysis Tutorial with supplementary software and data. http://people.umass.edu/bruced/PNA.zip, 2011.
Chapter of Textbook	Accepted for publication	no	Bruce A. Desmarais and Skyler J. Cranmer. The Exponential Random Graph Model. Online Portal of Social Science Education in Methodology - opossem.org, 2011.

II.F Other Teaching Activities

None

II.G Multiculturalism and Teaching

None

III Research, Creative, or Professional Activity

III.A Research Activity

III.A.1 Scholarly Books, Chapters, or Monographs

None

III.A.2 Edited Books, Anthologies, Collections, or Bibliographies

None

III.A.3 Articles in Journals

Type	Status	Bibliographic Info
Refereed	Published	Skyler J. Cranmer and Bruce A. Desmarais. Inferential Network Analysis with Exponential Random Graph Models. "Political Analysis", vol 19, number 1, 2011, Pages 66-86.
Refereed	Accepted for publication	Bruce A. Desmarais and Jeffrey J. Harden. Comparing Partial Likelihood and Robust Estimation Methods for the Cox Regression Model. "Political Analysis".
Refereed	Accepted for publication	Bruce A. Desmarais and Skyler J. Cranmer.. Statistical Mechanics of Networks: Estimation and Uncertainty. "Physica A".
Refereed	Accepted for publication	Skyler J. Cranmer, Bruce A. Desmarais, and Elizabeth Menninga. Complex Dependencies in the Alliance Network. "Conflict Management and Peace Science".
Refereed	Accepted for publication	Allison T. Freeman and Bruce A. Desmarais. Portfolio Adjustment to Home Equity Accumulation among CRA Borrowers. "Journal of Housing Research".
Refereed	Accepted for publication	Bruce A. Desmarais. Lessons in disguise: Multivariate predictive mistakes in collective choice models. "Public Choice".
Refereed	Accepted for publication	Jeffrey J. Harden and Bruce A. Desmarais. Linear Models with Outliers: Choosing Between Conditional-Mean and Conditional-Median Methods. "State Politics & Policy Quarterly".

III.A.4 Reviews

None

III.A.5 Papers and Presentations

Type	Status	Conference	Bibliographic Info
Other: Open Submission	Full Proceedings	European Intelligence and Security Informatics Conference (EISIC), Athens, Greece. 9/12/2011	Bruce A. Desmarais and Skyler J. Cranmer.. Forecasting the Locational Dynamics of Transnational Terrorism: A Network Analytic Approach. "European Intelligence and Security Informatics Conference (EISIC)", IEEE Computer Society, 2011.
Other: Open Submission	Full Proceedings	Neural Information Processing Systems 2010 Workshop on Computational Social Science and the Wisdom of Crowds, Whistler, British Columbia. 12/10/2010	Bruce A. Desmarais and Skyler J. Cranmer. Consistent Confidence Intervals for Maximum Pseudolikelihood Estimators. "Neural Information Processing Systems 2010 Workshop on Computational Social Science and the Wisdom of Crowds", Neural Information Processing Systems, 2010.
Other: Open Submission	Unpublished	Political Networks Conference, Ann Arbor, Michigan. 6/14/2011	Bruce A. Desmarais and Skyler J. Cranmer. Statistical Inference for Valued-Edge Networks: The Generalized Exponential Random Graph Model.
Other: Open Submission	Unpublished	American Political Science Association Annual Meeting, Washington, DC. 9/2/2010	Bruce A. Desmarais. The Stochastic Configuration Model for the Study of Interdependent Political Choices.
Invited	Unpublished	Text as Data Conference, Northwestern University, Illinois. 3/11/2011	Rachey Shorey, Hanna Wallach and Bruce Desmarais. Toward a Framework for the Large Scale Textual and Contextual Analysis of Government Information Declassification Patterns..

III.A.6 Sponsored Activity

Grant Type	Status	Description	Principal Investigators	Start Date	End Date	Direct Amount	Indirect Amount	Total
Grant	Submitted	Semisupervised Document Comparison to aid in Declassification and Sanitization, Defense Advance Research Projects Agency	Bruce A. Desmarais and Hanna M. Wallach	1/1/2012	12/31/2013	$900,000.00	$0.00	$900,000.00
Grant	Submitted	ERGM Tools: Inferential Analysis and Forecasting with Networks based on Exponential Family Random Graphs, National Science Foundation	Bruce A. Desmarais and Skyler J. Cranmer	1/1/2012	12/31/2013	$116,576.00	$0.00	$116,576.00

Grant Type	Status	Description	Principal Invest-igators	Start Date	End Date	Direct Amount	In-dir-ect Amo unt	Total
Grant	Submitted	Data-Driven Pre-dictive Models of Socio-Political Stability, U.S. Department of the Navy, White Pa-per Accepted	Marwan Bikdash, Justin Zhan, Ab-dollah Homaifar, Wendy C. Hamb-let, Thomas Car-sey, Skyler J. Cranmer, Eli Byrne, Barry Ru-back, Robert T. Collins, Navin Bapat, Bruce A. Desmarais, and Michael McMul-len			$90,000.00	$0.00	$90,000.00

III.B Creative Activity

III.B.1 Musical Works

None

III.B.2 Creative Writing

None

III.B.3 Performing Arts

None

III.B.4 Works of Art

None

III.C Other Research or Professional Activity

None

III.D Research and Multiculturalism

None

IV Service

IV.A Campus and University

IV.A.1 Departmental or Interdepartmental Service

Type	Description
Member of Standing or Ad Hoc Committee	As a member of the methods committee, I participated in the design of the new methods require-ment for the political science department.

Type	Description
Other: Personnel Activity	I met with job candidates Shauna Fisher, Shannon Portillo, Andreea Mihalache O-Keef, and Kevin Young.
Other: Host/Coordinator	I arranged meetings for department faculty and graduate students with Computational Social Science Initiative (CSSI) speakers Gary King, James Fowler, Robert Franzese and David Lazer.

IV.A.2 School, College or Campus Service

Type	Description
Member of Standing or Ad Hoc Committee	As a founding member, I helped organize the Computational Social Science Initiative at UMass. This included holding internal organizational and research meetings, establishing a web presence and organizing a national-scale speaker series. The major component of my service to CSSI is the organization and administration of the speaker series. In addition to setting up and cleaning up the room each week, I recruited and hosted the following speakers: a. Robert Franzese, University of Michigan b. David Lazer, Northeastern University c. James Fowler, University of California at San Diego

IV.B Service to Profession or Discipline

IV.B.1 Editor or Reviewer

Position	Publication Name
Other Editorial Position: Editorial Board Member	State Politics & Policy Quarterly
Ad Hoc Reviewer	American Political Science Review
Ad Hoc Reviewer	American Journal of Political Science
Ad Hoc Reviewer	Political Analysis
Ad Hoc Reviewer	Journal of Politics
Ad Hoc Reviewer	State Politics & Policy Quarterly
Ad Hoc Reviewer	Public Choice
Ad Hoc Reviewer	Social Networks
Ad Hoc Reviewer	Political Research Quarterly
Ad Hoc Reviewer	American Politics Research

IV.B.2 Panel Member

Type	Status	Meeting Frequency	Start of Term	End of Term	Description
Other: Neural Information Processing Systems	Standing Member	Annual	10/10/2011	12/10/2011	I am a member of the program committee for the 2011 Workshop on Computational Social Science and the Wisdom of Crowds - held in conjunction with Neural Information Processing Systems 2011, Sierra Nevada, Spain.

IV.B.3 Disciplinary Association

None

IV.B.4 Scholarly Awards

None

IV.C Professional Public Service

None

IV.D Other Service

None

IV.E Service and Multiculturalism

None

V Additional Activities

V.A Other Activities and Accomplishments

None

VI Comments of the Program Director or Department Head

Please include the basis for evaluation. Use additional sheets if necessary

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Signature of Program Director or Department Head

VII Comments of the Department Personnel Committee

Please include the basis for evaluation. Use additional sheets if necessary

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Signature of Department Personnel Committee

VIII Comments of the Department Head or Chair

Please include the basis for evaluation. Use additional sheets if necessary

_____

Signature of Department Head or Chair

IX Faculty and Dean Signatures

I certify the accuracy of sections I through V. In addition, I have read the comments in sections VI to VIII. (An additional statement, with appropriate copies, may be appended.)

_____   _____

Date   Signature of the Faculty Member

After completing this section, the faculty member retains one photocopy and returns the original to the department head or chair, who retains one photocopy and forwards the original to the Dean.

_____

Signature of the Dean

After completing this section, the Dean retains one photocopy and forwards original to the Provost. If the Dean makes any comments, the Dean shall send one copy of this final page to the faculty member and the appropriate department head or chair when the Dean forwards the form to the Provost.