

C U R R I C U L U M V I T A E

**KATHLEEN L. SLANEY**

RCB 6155, 8888 UNIVERSITY DRIVE, BURNABY, BC, CANADA, V5A 1S6  
PHONE (778) 782-6635 • FAX (778) 782-3427 • E-MAIL KLSLANEY@SFU.CA

**ACADEMIC POSITIONS**

---

2006 – present    **Assistant Professor**  
Department of Psychology, Simon Fraser University  
History, Quantitative, and Theoretical Psychology Area

**EDUCATION**

---

2006            **Ph.D.**, Experimental Psychology  
Department of Psychology, Simon Fraser University  
*Thesis: The Logic of Test Analysis: An Evaluation of Test Theory and  
a Proposed Logic for Test Analysis*  
*Supervisor: Michael D. Maraun*

2001            **Master of Arts**, Experimental Psychology  
Department of Psychology, Simon Fraser University

1994            **Bachelor of Arts**, Psychology  
Department of Psychology, Simon Fraser University

**CAREER INTERRUPTIONS AND DELAYS**

---

2003-2004      Maternity Leave (12 months)

2007            Maternity Leave (9 months)

**PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS**

---

American Psychological Association – Member

American Psychological Association, Division 5 (Measurement and Evaluation) -  
Member

American Psychological Association, Division 24 (Theoretical and Philosophical) -  
Member

Behavioral and Brain Sciences – Associate

Canadian Psychological Association – Member

International Society for Theoretical Psychology - Member

## GRANTS

---

### Research Grants

- 2012-2014      **Simon Fraser University – Small SSHRC Institutional Grant**  
\$5,783 (PI)  
*Examining meta-analytic practices: A coding instrument development study*
- 2010-2013      **Social Sciences and Humanities Research Council (SSHRC) Standard Research Grant**  
\$41,105 (PI)  
*Researching research: Explicating conceptualizations of construct validity theory in psychological and related fields of research*
- 2010            **Simon Fraser University/Social Sciences and Humanities Research Council (SSHRC) Travel Grant**  
\$600  
In support of covering costs of travel to the 2<sup>nd</sup> Biennial Midwinter Meeting of the *Society for Theoretical and Philosophical Psychology*, Miami, Florida.
- 2009 - 2011    **Simon Fraser University, Vice President Research – SSHRC 4A Grant**  
\$9,885 (PI)  
*Researching research: Developing content coding protocol for investigating conceptualizations and applications of construct validity in psychological science*
- 2007 - 2009    **Simon Fraser University – Small SSHRC Institutional Grant**  
\$4,888 (PI)  
*"Expert" versus "amateur" test analysis: A comparison of the test analytic practices of researchers with and without psychometric expertise"*
- 2006 - 2008    **Simon Fraser University President's Research Grant**  
\$10,000 (PI)  
*Current test analytic practice in the applied behavioural sciences: A comprehensive literature review*
- 2006            **Start-up Grant, Simon Fraser University**  
\$30,000  
*Evaluation of the methodological practices of psychological and related researchers*

### Training Grants

- Sept 2011 – **Vice President Research – Undergraduate Student Research**

- Dec 2011      **Assistant Humanities Grant, Simon Fraser University, Awarded to Leona Ferguson**  
 \$4,500  
*Meta-analysis: A methodological review*
- May 2011 – **Vice President Research – Undergraduate Student Research**  
 Aug 2011 **Assistant Humanities Grant, Simon Fraser University, Awarded to Ramsay Malange**  
 \$2,250  
*Meta-analysis: A methodological review*
- May 2011 – **Vice President Research – Undergraduate Student Research**  
 Aug 2011 **Assistant Humanities Grant, Simon Fraser University, Awarded to Josh Cytrynbaum**  
 \$2,250  
*Meta-analysis: A methodological review*

**GRANTS (AWARDED BUT NOT FUNDED)**

---

- 2009      **SSHRC Standard Research Grant (4A Status)**  
 \$78,750 (PI)  
*Researching research: Explicating conceptualizations of construct validity theory in psychological and related fields of research*

**SCHOLARSHIPS AND AWARDS**

---

- 2011      The Sigmund Koch Award for Early Career Contributions to Psychology, Society for Theoretical and Philosophical Psychology, Division 24 of the American Psychological Association
- 2011      Nominated, Simon Fraser University, Faculty of Arts and Social Sciences, Cormack Teaching Award
- 2006      Lorne Kendall Memorial Scholarship, Simon Fraser University, \$500
- 2005      President's Ph.D. Research Stipend, Simon Fraser University, \$6,000
- 2003      Social Sciences and Humanities Research Council of Canada—  
 Doctoral Fellowship, \$19,000/annum (2 years funded)
- 2001      Certificate of Academic Excellence, Canadian Psychological Association

- 2001 Lorne Kendall Memorial Scholarship, Simon Fraser University, \$300
- 1998 Graduate Fellowship, Simon Fraser University, \$4,400
- 1994 Honour Roll, Simon Fraser University
- 1993 - 1994 Open Undergraduate Scholarship, Simon Fraser University, \$5,000
- 1993 Alumni Scholarship and Endowment Fund, Simon Fraser University, \$500
- 1992 B.C. Telephone Company Scholarship, \$500

**SERVICE**

---

- 2011-2012 American Psychological Association, 120<sup>th</sup> Annual Convention, Division 24 Program Chair
- 2011-2012 Society for Theoretical and Philosophical Psychology, Biennial Meeting, to be held in Austin, Texas, March 2012. Co-organizer
- 2010 - 2013 Member-at-large, Executive Committee of Division 24 (Theoretical and Philosophical Psychology) of the American Psychological Association.
- 2010-2011 Tenure and Promotion Committee, SFU Department of Psychology
- 2009 Co-organizer, Junior Faculty Retreat, SFU Department of Psychology
- 2008 - present Thesis Defence Chairs Committee, SFU Department of Psychology
- 2008 -2009 Tenure and Promotion Committee, SFU Department of Psychology
- 2008 Honours Prize Committee, SFU Department of Psychology
- 2007 - 2008 Ad Hoc Introductory Psychology Courses Committee, SFU Department of Psychology
- 2007 Faculty Satisfaction Survey Advisory Committee, Simon Fraser University

## EDITORIAL AND CONSULTING

---

- 2010 – present    Research Design and Statistical Consultant
- 2009 – 2011      Guest Editor (with Timothy Racine), *New Ideas in Psychology*, Special Issue: On defining and interpreting constructs: Ontological and epistemological constraints
- 2011 – present    Journal Reviewer, *Journal of Theoretical and Philosophical Psychology*
- 2010 – present    Journal Reviewer, *Canadian Journal of Behavioural Science*
- 2010 – present    Journal Reviewer, *Psychological Methods*
- 2009 – present    Journal Reviewer, *New Ideas in Psychology*
- 2007 – present    Journal Reviewer, *Canadian Psychology*
- 2007 – present    Journal Reviewer, *Multivariate Behavioral Methods*
- 2007                Measurement Consultant, *Intracorp*
- 2000 – 2002      Data Analyst and Statistics Consultant, *Scottworks, Inc.*
- 1998                Journal Editor, *Psybernetika* (online student journal)

## PUBLICATIONS

---

*Note:* Student authors are underlined.

### Edited Volumes

**Slaney, K. L.**, & Racine, T. P. (Eds.). (in press). Special issue: On defining and interpreting constructs: Ontological and epistemological constraints. *New Ideas in Psychology*

### Referred Journal Articles

**Slaney, K. L.**, & Racine, T. P. (in press). Constructing an understanding of constructs. *New Ideas in Psychology* (2011), doi:10.1016/j.newideapsych.2011.02.010

**Slaney, K. L.**, & Racine, T. P. (in press). What's in a name? Psychology's ever evasive construct. *New Ideas in Psychology* (2011), doi:10.1016/j.newideapsych.2011.02.003

Lovasz, N., & Slaney, K. L. (in press). What makes a hypothetical construct “hypothetical”? Tracing the origins and uses of the “hypothetical construct” concept in psychological science. *New Ideas in Psychology* (2011), doi: 10.1016/j.newideapsych. 2011. 02. 005

- Slaney, K. L.** (2012). Laying the cornerstone of construct validity theory: Herbert Feigl's influence on early specifications. *Theory and Psychology*, 22, 290-309.
- Slaney, K. L., Storey, J. E., & Barnes, J.** (2011). "Is my test valid?": Guidelines for the practicing psychologist for evaluating the psychometric properties of measures. *International Journal of Forensic Mental Health*, 10, 261-283 (target article).
- Slaney, K. L., & Racine, T. P.** (2011). On the ambiguity of concept use in psychology: Is the concept 'concept' a useful concept? *Journal of Theoretical and Philosophical Psychology*, 31, 73-89 (target article).
- Slaney, K. L., Tkatchouk, M., Gabriel, S.M., Ferguson, L.P., Knudsen, J.R.S., & Legere, J.C.** (2010). A review of psychometric assessment and reporting practices: An examination of measurement-oriented versus non-measurement-oriented domains. *Canadian Journal of School Psychology*, 25(3), 246-259.
- Slaney, K. L., Tkatchouk, M., Gabriel, S.M., & Maraun, M. D.** (2009). Psychometric assessment and reporting practices: Incongruencies between theory and practice. *Journal of Psychoeducational Assessment*, 27(6), 465-476.
- Viljoen, J. L., **Slaney, K. L.**, & Grisso, T. (2009). The use of the MacCAT-CA with adolescents: An item response theory investigation of age-related measurement bias. *Law and Human Behavior*, 33, 283-297.
- Maraun, M. D., **Slaney, K. L.**, & **Gabriel, S.M.** (2009). The Augustinian methodological family of psychology. *New Ideas in Psychology, Special Issue: Mind, Meaning, and Language: Wittgenstein's Relevance for Psychology*, 27(2), 148-162.
- Slaney, K. L.**, & Maraun, M. D. (2008). A proposed framework for conducting data-based test analysis. *Psychological Methods*, 13(4), 376-390.
- Slaney, K. L.**, & Maraun, M. D. (2005). Analogy and metaphor running amok: An examination of the use of explanatory devices in neuroscience. *Journal of Theoretical and Philosophical Psychology*, 25(2), 701-720.
- Maraun, M. D. & **Slaney, K. L.** (2005). An analysis of Meehl's MAXCOX-HITMAX procedure for the case of continuous indicators. *Multivariate Behavioral Research*, 40(4), 489-518.
- Maraun, M. D., **Slaney, K. L.**, & Jalava, J. (2005). Dual scaling for the analysis of categorical data. *Journal of Personality Assessment*, 85(2), 209-217.
- Maraun, M. D., **Slaney, K. L.**, & Goddyn, L. (2003). An analysis of Meehl's MAXCOV-HITMAX procedure for the case of dichotomous indicators. *Multivariate*

*Behavioral Research*, 38(1), 81-112.

**Slaney, K. L.** (2001). On empirical realism and the defining of theoretical terms. *Journal of Theoretical and Philosophical Psychology*, 22(2), 132-152.

### **Commentaries and Book Reviews**

**Slaney, K. L., Storey, J. E., & Barnes, J.** (2011). When ‘Good Enough’ Is Just Not Good Enough: Response to Holden and Marjanovic. *International Journal of Forensic Mental Health*, 10, 290-294.

**Slaney, K. L., & Racine, T. P.** (2011). On the ambiguity of concept use in commentaries. *Journal of Theoretical and Philosophical Psychology*, 31, 115-125.

**Slaney, K. L.** (2009). Book Review – The science game: An introduction to research in the social and behavioral sciences. *Canadian Psychology*, 50(1), 51-53.

**Slaney, K. L., & Maraun, M. D.** (2007). There are no “specific correct” usages of concepts, only correct usages: linguistic rules and the bounds of sense. Comment on Sytma, 2007. *Journal of Theoretical and Philosophical Psychology*, 27(1), 104-112.

### **Book Chapters**

Krane, W. R., & **Slaney, K. L.** (2005). A general introduction to the common factor model. In A. Maydeu-Olivares & J. J. McArdle (Eds.), *Contemporary advances in psychometrics*. Mahwah, NJ: Lawrence Erlbaum Associates.

## **WORKS IN PROGRESS OR UNDER REVIEW**

---

### **Edited Volumes**

Racine, T. P., & **Slaney, K. L.** (Eds.) (forthcoming). *The role and use of conceptual analysis in psychology: A Wittgensteinian perspective*. Basingstoke, UK: Palgrave Macmillan.

### **Journal Articles**

Racine, T.P., & **Slaney, K.L.** (forthcoming). The meaning of ‘psychological meaning’: Implications for conceptual and empirical levels of analysis. *Social and Personality Psychological Compass*.

**Slaney, K. L., & Ferguson, L. P.** *Approaching significance? A Review of the Statistical Inference Practices in the Shadow of the Statistical Reform*

### **Book Chapters**

Racine, T. P., & **Slaney, K. L.** (forthcoming). Terror management, meaning maintenance, and the concept of psychological meaning. In T. P. Racine and K. L. Slaney (Eds.), *The role and use of conceptual analysis in psychology: A Wittgensteinian Perspective*. Basingstoke, UK: Palgrave Macmillan.

**Slaney, K. L.** (forthcoming). Psychometrics. *Encyclopedia of Critical Psychology*. New York: Springer.

### **POSTER SESSIONS**

---

Malange, R., & **Slaney, K. L.** (2012, accepted). *Meta-analysis: Is there a "Right" Way to Conduct a Meta-Analysis? An Examination of how Purpose Informs Method*. Poster to be presented at the 5<sup>th</sup> Annual Connecting Minds, Undergraduate Research Conference. Richmond, BC, May 2012

**Slaney, K. L.**, Ferguson, L. P., & Tkatchouk, M. (2012, accepted). *Approaching significance? A review of statistical inference practices in current research*. Poster presentation to be given at American Psychological Association Annual Convention, Orlando, Florida, August 2012.

Tkatchouk, M., **Slaney, K. L.**, Ferguson, L. P., & Malange, R. (2011, August). *Psychometric Assessment and Reporting Practices in Psychology*. Poster session presented at the American Psychological Association Annual Convention, Washington, D.C.

**Slaney, K. L.**, & Tkatchouk, M. "*Is My Test Valid?*": *Clarifications and guidelines for the practicing psychologist*. (2011, August). Poster session presented at the American Psychological Association Annual Convention, Washington, D.C.

MacKay, L., Cox, D., **Slaney, K. L.**, Saewyc, E. & Poole, G. (2007). *Health youth development: The role of youth assets*. Poster session presented at the Rethinking Risk Conference, McCreary Youth Foundation, Vancouver, Canada.

Van Blyderveen, S.L., Cox, D., Saewyc, E.M., Moretti, M.M., **Slaney, K. L.**, Kanani, N. (2006). *School transitions and peer victimization*. Poster session presented at the Biennial Meeting of the Society for Research on Adolescence, San Francisco, CA.

## CONFERENCE PRESENTATIONS

---

- Malange, R., & **Slaney, K. L.** (2012, accepted). *A History of Meta-analysis: One Method or Distinct Types Based on Purpose for Use?* Paper to be presented at the Canadian Psychological Association Annual Convention, Halifax, Nova Scotia, June 2012.
- Slaney, K. L.** (2012, accepted). *The Boundaries of Psychological Science: Naturalism or Beyond?* Participant in roundtable discussion to be held at the American Psychological Association Annual Convention, Orlando, Florida, August 2012.
- Slaney, K. L.** (2012, accepted). *On the Meaning and Role of Explanation in Psychological Science: One or Many Senses/Roles?* Symposium paper to be presented at the American Psychological Association Annual Convention, Orlando, Florida, August 2012.
- Slaney, K. L.** (2012, March). *A Road Less Travelled: Mentoring the Theoretical Psychology Student.* Chair and participant in a roundtable discussion held at the Biennial Meeting for the Society of Theoretical and Philosophical Psychology, Austin, Texas, March 2012.
- Malange, R., & **Slaney, K. L.** (2012, March). *No Meta-analysis is an Island: An Examination of How Theory Informs Method.* Paper presented at the Biennial Meeting for the Society of Theoretical and Philosophical Psychology, Austin, Texas, March 2012.
- Slaney, K. L.** (2011, June). *What's in a name?: Conceptual analysis as a methodological imperative in psychological science.* Chair for symposium held at the Canadian Psychological Association Annual Convention, Toronto, Ontario.
- Slaney, K. L.** (2011, June). *Some common conceptual quagmires from psychometric theory and practice.* Symposium paper presented at the Canadian Psychological Association Annual Convention, Toronto, Ontario.
- Nikol, M., & **Slaney, K.L.**, & Tkatchouk, M. (2011, June). *Taming the Lernean Hydra: What is not what in psychology's many validities.* Paper presented at the Canadian Psychological Association Annual Convention, Toronto, Ontario.
- Slaney, K. L.** (2010, August). *On defining and interpreting constructs: Ontological, epistemological, and methodological constraints.* Chair for symposium held at the American Psychological Association Annual Convention, San Diego, California.

**Slaney, K. L., & Lovasz, N.** (2010, August). *Surveying the utility of construct validity theory: The convergence of ontology, epistemology and methodology in theory and practice*. Symposium paper presented at the American Psychological Association Annual Convention, San Diego, California.

**Lovasz, N., & Slaney, K. L.** (2010, August). *Constructs and the nomothetic-ideographic aporia in psychology*. Symposium paper presented at the American Psychological Association Annual Convention, San Diego, California.

**Slaney, K. L., & Lovasz, N.** (2010, February). *What makes a hypothetical construct “hypothetical”? Tracing the origins and uses of the ‘hypothetical construct’ concept*. Paper presented at the 2<sup>nd</sup> Biennial Midwinter Meeting of the Society for Theoretical and Philosophical Psychology, Miami, Florida.

**Slaney, K. L.** (2009, August). *On route to realism: Logical empiricism and construct validity theory*. Paper presented at the American Psychological Association Annual Convention, Toronto, ON, Canada

**Slaney, K. L., & Racine, T.** (2009, June). *Is the concept ‘concept’ a useful concept?* Paper presented at the Interactivist Summer Institute, Vancouver, BC, Canada

## INVITED PRESENTATIONS

---

**Slaney, K. L.** (2011, October). *On the Ambiguity of Concept Use in Psychology: Is the Concept ‘Concept’ a Useful Concept?* Invited address, Defining Cognitive Science, Lecture Series. Simon Fraser University Cognitive Science Program.

**Slaney, K. L.** (2010, October). *What You See Isn’t Always What You Get: Different Paradigms for Studying the Mind*. Presented Invited Speaker, SFU Department of Psychology, Psychology 300 (Critical Analysis of Issues in Psychology)

**Slaney, K. L.** (2010, May). *What You See Isn’t Always What You Get: Different Paradigms for Studying the Mind*. Presented at the SFU Department of Psychology Presentation Series: Psych in the City, Surrey, BC.

**Slaney, K. L.** (2008, November). *Can Fractals Deliver?: Modeling Psychology in the Fourth Dimension*, Invited Speaker, SFU Department of Psychology, Theory and Methods Seminar Group

**Slaney, K. L.** (2008, October). *Methodological Strategies for Designing a Research*

*Project, Invited Speaker, SFU Department of Psychology, Honour's Class*

**Slaney, K. L.** (2008, March). *On the History and Philosophy of Psychological Measurement*, Invited Speaker, BC Mental Health and Addictions Research Network: Clinical Training Day

**Slaney, K. L.** (2006, November). *Misconceptions/misuses of Statistical Concepts and Techniques in Psychological Science*, Invited Speaker, SFU Department of Psychology, Psychology 300 (Critical Analysis of Issues in Psychology)

**Slaney, K. L.** (2006, October). *An Introduction to Power Analysis*, Invited Speaker, SFU Department of Psychology, Honour's Class

**Slaney, K. L.** (2006, August). *Misconceptions/misuses of Statistical Concepts and Techniques in Psychological Science*, Invited Speaker, SFU Department of Psychology, Psychology 300 (Critical Analysis of Issues in Psychology)

**Slaney, K. L.** (2005, September). *An Introduction to Power Analysis*, Invited Speaker, SFU Department of Psychology, Honour's Class

**Slaney, K. L.** (2004, September). *An Introduction to Power Analysis*, Invited Speaker, SFU Department of Psychology, Honour's Class

**Slaney, K. L.** (2002, September). *An Introduction to Power Analysis*, Invited Speaker, SFU Department of Psychology, Honour's Class

## TEACHING

---

### Courses Taught:

- Introduction to Data Analysis in Psychology (Psychology 210)
- Introduction to History of Psychology (Psychology 207)
- Intermediate Research Methods and Data Analysis (Psychology 301)
- History and Systems of Modern Psychology (Psychology 308)
- Selected Topics in History and Theoretical Psychology (Psychology 402)
- Graduate Seminar in History and Theoretical Psychology (Psychology 705)
- Graduate Seminar in History (Psychology 905)

## RESEARCH SUPERVISION

---

### Primary Supervision

#### Completed

Severinovskaya, E. (2010). Judging Intention: A Proposal for an Exercise in the Restoration of the 'Normal Trajectory Of Moral Judgment.' *Honours thesis*.

Ramsay Malange (2012). Towards the Resolution of Theoretical Controversies in Meta-

analysis. *Honours thesis*.

### **In Progress**

Lovasz, N. (Ph.D: co-supervisor)

Masha Tkatchouk (Ph.D: to begin January 2012)

### **Committee Member**

#### **Completed**

Van Blyderveen, S. (2007). Peer Victimization and School Structure: School Transitions and Middle School. *Ph.D. dissertation*.

Banipal, R. (2007). Perceived Credibility of Children's Reports of a Single Event, *Honours thesis*.

Gabriel, S. (2007). Family-wise Error Issues in Psychological Research. *Honours thesis*.

McKay, L. (2007). Healthy Youth Development: The Role of Positive Assets. *Ph.D. dissertation*.

Comeau, J. (2007). Perceptions of Intergroup Norms, Levels of Ingroup Identity and the Extended Contact Effect. *Masters thesis*.

Halpin, P. (2010). Model Selection in Item Response Theory. *Ph.D. dissertation*.

Bibok, M. (2011). Re-Conceptualizing Joint Attention as Social Skills: A Microgenetic Analysis of the Development of Early Infant Communication. *Ph.D. dissertation*.

Tafreshi, D. (2011). Maternal Interaction and Individual Differences in Early Social Communication and Language Development. *Honours thesis*.

McQuaid, N. (2011). Exploring the Foundations of Attachment: Relations Between Mother-Infant Interaction at 4-5 Months and Attachment Security at 12 Months. *Ph.D. dissertation*.

Pankratz, C. Delusional Disorder: A Critical History and Historical Ontology. *Honours thesis*.

Williams, M. Language and Moral Development: Do Mothers' Mental State Terms and Children's Lexical Diversity Influence Children's Moral Development? *Honours thesis*.

### **In Progress**

Susswein, N., *Ph.D.*

Wereha, T., *Ph.D.*

DeFrietas, C., *Ph.D.*

Reeves, K., *Ph.D.*

### **Past Research Assistant Supervision**

Stephanie Gabriel (masters; May 2007-Sept 2009)

Jennifer Dibnah (undergraduate; May 2007-August 2008)

Kade Marksen (undergraduate; February 2010-December 2010)

Jared Knudsen (undergraduate; December 2008-August 2010)

Julien Legere (undergraduate; December 2008-December 2010)

Katie Leathem (undergraduate; October 2009-June 2011)

Josh Cytrynbaum (undergraduate, September 2010-April 2012)

**Current Research Assistant Supervision**

Nathalie Lovasz (doctoral; August 2009-present)

Masha Tkatchouk (masters; May 2007-present)

Leona Ferguson (undergraduate; December 2008-present)

Maria Nikol (undergraduate; February 2010-present)

Melanie Williams (undergraduate; July 2010-present)

Ramsay Malange (undergraduate; July 2009-present)

Caitie Napodi (undergraduate, May 2011-present)

Aaron Garcia (undergraduate, September 2011 - present)

Keyne Law (undergraduate, November 2011 – present)

Kristine Vu (undergraduate, January 2012 – present)

Umme Mansoory (undergraduate, May 2012 – present)

Wanda Power (undergraduate, May 2012 – present)