



**FORM 100**  
**Personal Data Form**  
**PART I**

Date

2013/06/17

Family name <b>Stanley</b>	Given name <b>Kevin</b>	Initial(s) of all given names <b>KG</b>	Personal identification no. (PIN) <b>Valid 193005</b>
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☐ I hold a faculty position at an eligible Canadian college  
(complete Appendices B1 and C)

☐ I do not or will not hold an academic appointment at a  
Canadian postsecondary institution

Place of employment other than a Canadian postsecondary  
Institution (give address in Appendix A)

**APPOINTMENT AT A POSTSECONDARY INSTITUTION**

Title of position <b>Assistant Professor</b>	Tenured or tenure-track academic appointment Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Department <b>Computer Science</b>	Part-time appointment <input type="checkbox"/> Full-time appointment <input checked="" type="checkbox"/>
Campus	
Canadian postsecondary institution	<ul style="list-style-type: none"><li>For all non-tenured or non tenure-track academic appointment and Emeritus Professors, complete Appendices B &amp; C</li><li>For life-time Emeritus Professor and part-time positions, complete Appendix C</li></ul>

**ACADEMIC BACKGROUND**

Degree	Name of discipline	Institution	Country	Date yyyy/mm
Bachelor's	Electrical Engineering	Simon Fraser	CANADA	1997 / 08
Master's	Electrical Engineering	Simon Fraser	CANADA	1999 / 08
Doctorate	Electrical Engineering	Simon Fraser	CANADA	2005 / 12

**TRAINING OF HIGHLY QUALIFIED PERSONNEL**

Indicate the number of students, fellows and other research personnel that you:

	Currently		Over the past six years (excluding the current year)		
	Supervised	Co-supervised	Supervised	Co-supervised	Total
Undergraduate			6	3	9
Master's		3	1	5	9
Doctoral	2	1			3
Postdoctoral					
Others					
Total	2	4	7	8	21

Personal identification no. (PIN)

**Valid** 193005

Family name

Stanley

**ACADEMIC, RESEARCH AND INDUSTRIAL EXPERIENCE (use one additional page if necessary)**

Position held (begin with current)	Organization	Department	Period (yyyy/mm to yyyy/mm)
Assistant Professor	Saskatchewan	Computer Science	2007/07
NSERC Postdoctoral Fellow	Dalhousie University	Mechanical Engineering	2006/06 to 2007/06
Research Officer	National Research Council of Canada Institute for Fuel Cell Innovation	Sensing and Microsystems	2005/06 to 2006/05
Technical Officer	National Research Council of Canada Institute for Fuel Cell Innovation	Sensing and Microsystems	1999/09 to 2005/05
Technical Officer	National Research Council of Canada Innovation Centre	Vision and Sensing	1997/09 to 1999/08

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Stanley

**RESEARCH SUPPORT**

Family name and initial(s) of applicant	Title of proposal, funding source and program, and time commitment (hours/month)	Amount per year	Years of tenure (yyyy)
List all sources of support (including NSERC grants and university start-up funds) held as an applicant or a co-applicant: a) support held in the past four (4) years but now completed; b) support currently held, and c) support applied for. For group grants, indicate the percentage of the funding directly applicable to your research. Use additional pages as required.			
<b>a) Support held in the past 4 years</b>			
Kevin Stanley	Verification of Sensor Network Interpolation University of Saskatchewan New Faculty Operating Grant 40 hours/month	20,000	2007
Kevin Stanley	Heterogeneous Sensor Network Deployment and Monitoring for Scalar Fields University of Saskatchewan New Faculty Capital Grant 10 hours/month	10,000	2007
Kevin Stanley	Verification of Sensor Network Interpolation University of Saskatchewan New Faculty Basic Operating Grant 10 hours/month	5,000	2007
Kevin Stanley	Heterogeneous Sensor Network Deployment and Monitoring for Scalar Fields University of Saskatchewan, College of Arts and Science New Faculty Capital Grant 80 hours/month	18,000	2008

Personal identification no. (PIN)

Family name

**Valid** 193005

Stanley

**RESEARCH SUPPORT**Family name and initial(s)  
of applicantTitle of proposal, funding source and program,  
and time commitment (hours/month)Amount  
per yearYears of  
tenure  
(yyyy)

List all sources of support (including NSERC grants and university start-up funds) held as an applicant or a co-applicant: a) support held in the past four (4) years but now completed; b) support currently held, and c) support applied for. For group grants, indicate the percentage of the funding directly applicable to your research. Use additional pages as required.

**a) Support held in the past 4 years**

Kevin Stanley

Verification of Sensor Network Interpolation  
Univeristy of Saskatchewan  
New Faculty Graduate Student Support Program  
10 hours/month

16,000

2008

16,000

2009

Kevin Stanley

Appropriate sensor signal analysis and abstraction  
in physical activity game design  
Mitacs  
Accelerate

15,000

2011

**b) Support currently held**

Kevin Stanley

Heterogeneous Sensor Network Deployment and  
Monitoring for Scalar Fields  
NSERC  
Discovery Grant  
80 hours/month

15,000

2008

15,000

2009

15,000

2010

15,000

2011

15,000

2012

Kellogg Booth

GRAND  
Network Centre of Excellence  
80 hours/month

4,000,000 (1%)

2010

4,000,000 (1%)

2011

4,000,000 (1%)

2012

4,000,000 (1%)

2013

4,000,000 (1%)

2014

Personal identification no. (PIN)

**Valid** 193005

Family name

Stanley

**RESEARCH SUPPORT****Family name and initial(s)  
of applicant****Title of proposal, funding source and program,  
and time commitment (hours/month)****Amount  
per year****Years of  
tenure  
(yyyy)**

List all sources of support **(including NSERC grants and university start-up funds)** held as an applicant or a co-applicant: a) support held in the past four (4) years but now completed; b) support currently held, and c) support applied for. For group grants, indicate the percentage of the funding directly applicable to your research. Use additional pages as required.

**b) Support currently held**

Scott Bell

GEOIDE -- "Positioning Geocoding and  
Navigation"

Network Centre of Excellence

40 hours/month

25,000(100%)

2010

## Highly Qualified Personnel (HQP)

Provide personal data about the HQP that you currently, or over the past six years, have supervised or co-supervised.

			Personal identification no. (PIN) <b>Valid 193005</b>	Family name <b>Stanley</b>
Name	Type of HQP Training and Status	Years Supervised or Co-supervised	Title of Project or Thesis	Present Position
Qian, Weicheng	Doctoral (In Progress)	Co-supervised 2012 -	Human Mobility Models from Sensor Data	PhD
Negini, Faham	Master's (In Progress)	Co-supervised 2011 -	Ubiquitous Games	MSc
Eishita, Farjana	Doctoral (In Progress)	Supervised 2010 -	Impact of Positional Inaccuracy in Ubiquitous Games	PhD
Paul, Tuhin	Doctoral (In Progress)	Supervised 2010 -	Agent-Based Data Aggregation in Sensor Networks	PhD
Tavassolian, Amin	Master's (In Progress)	Co-supervised 2010 -	Adaptive Time Variant Minigames for Dynamic Game Balance	MSc
Stewart, John	Undergraduate (In Progress)	Supervised 2012 - 2013	Kalman Filtering of Longitudinal WiFi Traces	BSc
Zohoorian, Aryan	Master's (Completed)	Co-supervised 2010 - 2013	Collaboration in Multiplayer Games	Arcurve Inc., Software Developer
Anderson, Eva	Undergraduate (Completed)	Supervised 2011 - 2012	Cumulative Context Games	Software Developer, Vendasta Technologies Inc
Calver, Jonathan	Undergraduate (Completed)	Co-supervised 2011 - 2012	Data Aggregation in High-Fidelity Dynamic Models	Masters Student at University of Toronto
Clark, Spencer	Undergraduate (Completed)	Co-supervised 2011 - 2012	Sensor Data Aggregation for a Micro-satellite	Software Engineer, Noodlecake Games
Yaholnitsky, Alexander	Undergraduate (Completed)	Co-supervised 2011 - 2012	An Ubiquitous Epidemic Game for Studying Behaviour Change	Vecima Networks, Software Developer
Johnson, Gregory Scott	Master's (Completed)	Co-supervised 2010 - 2012	Improving Indoor Bluetooth Localization	PhD at University of Saskatchewan
Qian, Weicheng	Master's (Completed)	Co-supervised 2010 - 2012	Dynamic Networks in Epidemiology	PhD at University of Saskatchewan
Kaiser, Shahriar	Master's (Completed)	Co-supervised 2009 - 2012	Contextual Smartphone Utilization	Unknown
Bullock, Mike	Undergraduate (Completed)	Supervised 2011 - 2011	Distributed WiFi-Based Indoor Localization	Masters Student at University of Saskatchewan
Knowles, Dylan	Undergraduate (Completed)	Co-supervised 2010 - 2011	iEpi: Monitoring Medical Information using Android	Masters Student at University of Saskatchewan
Hashemian, Mohammad	Master's (Completed)	Supervised 2008 - 2011	Human Dynamic Networks in Routing and Epidemiology	College Mobile Inc., Software Engineer
Kapiszka, Robert	Undergraduate (Completed)	Co-supervised 2009 - 2010	Ubiquitous Games on Smartphones	College Mobile Inc., Software Engineer
Bandurka, Alan	Undergraduate (In Progress)	Supervised 2008 - 2010	Cumulative Context Games	SED Systems, Software Developer
Pulimi, Venkat	Master's (Completed)	Co-supervised 2007 - 2010	CDAR in Sensor Networks	Qualcomm, Embedded Software Engineer

## **1.0 Most Significant Contributions**

I have a diverse research program which hinges on the application of sensor data to solving problems in ubiquitous computing. I have examined the problem from a fundamental perspective looking at network algorithms and performance, as applied to ubiquitous games, and as a data source for epidemiological modeling and understanding human behaviour.

### **1.1 Mobile Sensing Systems for Human Behaviour**

Two works characterize the contributions I have made to the ubiquitous acquisition of epidemiologically relevant data: Flunet [KS22] and iEpi [KS10]. In Flunet, we tracked contacts using electronic sensors, often called motes, between participants at a Canadian university for three months during the H1N1 epidemic. This high-fidelity contact data was then combined with an agent-based disease model to determine the impact of contact duration on the spread of disease. Both the data acquisition and modeling were extended in iEpi, which gathered contact information, location data, accelerometer readings and battery state over a similar population for 5 weeks. This data was combined with a much more sophisticated agent based model incorporating disease dynamics, and environmental pathogen reservoirs. Since the publication of [KS10] we have run a total of nine additional studies and pilots both within Saskatoon and at partner institutions throughout North America. Preliminary analyses of local datasets can be found in [KS6,KS7,KS21]. Data are still being analyzed from other datasets.

Analysis of the data collected in the Flunet study resulted in two epidemiological methodology contributions which begin to lay out the utility and experimental techniques associated with using ubiquitous sensing to inform health policy. In [KS2], we were able to demonstrate that traditional measures of graph centrality were insufficient to describe infection risk. In [KS1] we established that the dynamic graph created by the ubiquitous sensing systems in [KS10] generated results that were significantly different and closer to reality than alternative techniques. The cutting edge nature of this work is evidenced in the invitation to write an editorial for the Annals of Family Medicine [KS27] on the impact of such technologies on the delivery of primary care. The technology and associated experimental approach has also been received enthusiastically by the public health community. At the time of writing my group has completed collaborative pilot or full deployments in Michigan, New York and New Mexico with leading researchers in public health. The software associated with this work is also the subject of preliminary discussions for licencing with industrial partners.

### **1.2 Ubiquitous Games**

Supported in large degree by grants obtain from the Graphic Animation and New Media Network Centre of Excellence (GRAND-NCE), I have pursued a substantial program of research on the role of sensor systems on the scope [KS9], genres [KS12,KS19], and game balance in ubiquitous games [KS11]. In [KS11] we described a method for manipulating time-based game interactions to maintain player balance in heterogeneous roles without disrupting play or perceived fairness. This paper was nominated for best paper at ICEC 2011 and a full journal version of the work is currently under review. In [KS9] we described a set of design patterns and methodologies for analyzing multiplayer, and particularly collaborative actions in games to aid designers in the design and deployment of multiplayer systems. Both these papers will inform the work proposed for this research.

### 1.3 Networking

While I have primarily focussed on health and gaming applications of ubiquitous sensing systems, the work I have performed has also informed the networking literature [KS21,KS8]. In particular, we were able to establish the role of place in routing in DTN networks, and its analogue to infectious disease spread. While less impactful than my other research, it does provide depth of analysis to the field.

### 1.4 Sensor Design

While I have wrapped up most of my sensor design work [KS4,KS5], I have recently made an interesting contribution [KS3] extending fundamental work on particle sorting to the study of micro fossils. This work is very recent, but promises to be interesting because it provides archaeologists with a new tool to view these micro fossils and potentially extract data on chemical composition and burial conditions through the interaction of particle shape and electrical properties.

## 2.0 List of Contributions

As is typical in the applied sciences, most of my research is collaborative and characterized by multiple authors in reviewed submissions. Even in single author invited presentations, other contributors were acknowledged in the first slide, as is typical in the field. For all the contributions listed below with the exception of [KS13] – where I was brought in late in the process to help with framing and literature review – I have been the primary driver of the research agenda. It is my policy to place students as first author on papers related to their thesis work; however, in those cases where students are first authors I was most often the person who set the research agenda, posed the research questions, provided the general form of the solution and determined the analysis techniques.

Because I work in the boundary between engineering and applied science, I publish in both conferences and journals. Work related to the design and application of sensors is published in both journals and conferences, with the journals being of generally higher quality than the conferences. In ubiquitous computing for health research, the work is also spread across journals and conferences, but the quality depends on the focus of the paper. Papers on ubiquitous computing are preferentially published in top tier conferences, while contributions relating to health are preferentially published in journals. Digital game publications are almost exclusively published at conference venues.

## 2.1 Refereed Contributions

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### JOURNAL PAPERS

- KS1. Hashemian, M.; Qian W.; **Stanley, K.**; Osgood, N., Temporal Aggregation Impacts on Epidemiological Simulations Employing Microcontact Data, *BMC Medical Informatics and Decision Making*, 2013, 12(1), 132.
- KS2. Hashemian, M.; **Stanley, K.**; Osgood, N., Leveraging H1N1 infection transmission modeling with proximity sensor microdata, *BMC Medical Informatics and Decision Making*, 12 (35), 2012, 15 pages.
- KS3. **Stanley, K.**; Robertson, E.; d'Entremont, R.; Hubbard, T.; and Kujath, M. Phytolith assaying using a micron-scale electrokinetic sorting ring, *Archaeological and Anthropological Sciences*, 3 (4), 2011, pp. 309-323.



- KS4. Bligh, M.; **Stanley, K.**; Hubbard, T. and Kujath, M., Two-phase interdigitated microelectrode arrays for electrokinetic transport of microparticles, *Journal of Micromechanics and Microengineering*, 18 (5), 2008, pp. 1-9.
- KS5. Bligh, M.; **Stanley, K.**; Spears, A.; Hubbard, T. and Kujath, M., Lateral particle sorting using two-phase electrokinetic micro-arrays, *Journal of Micromechanics and Microengineering*, 18 (4), 2008, pp. 1-11.

## FULL CONFERENCE PAPERS

- KS6. Petrenko, A.; Bell, S.; **Stanley, K.**; Qian, W.; Sizo A.; Knowles, D., Human Spatial Behavior, Sensor Informatics, and Disaggregate (Deep) Big Data, *Conference on Spatial Information Theory*, Accepted, to appear September 2013, 16 pages.
- KS7. Qian W.; **Stanley, K.**; Osgood, N., The Impact of Spatial Resolution and Representation on Human Mobility Predictability, *Web and Wireless Geographic Information Systems 2013, LNCS 7820*, pp. 25-40.
- KS8. Pulimi, V.; Paul, T.; **Stanley, K.**; Eager, D., Near-optimal routing for contour detection in wireless sensor networks, *Proceedings of the IEEE Conf. on Local Computer Networks (LCN) 2012*, pp. 462-469.
- KS9. Zohoorian, A.; **Stanley, K.**; Gutwin C.; Tavassolian, A., PLATO: a coordination framework for designers of multi-player real-time digital games, *Proceedings of Foundations of Digital Games (FDG) 2012*, pp. 141-148.
- KS10. Hashemian, M.; **Stanley, K.**; Knowles, D.; Calver, J.; Osgood, N., Human Network Data Collection In the Wild: The Epidemiological Utility of Micro-contact and Location Data, *Proceedings of the International Health Informatics Symposium (IHI) 2012*, pp. 255-264.
- KS11. Tavassolian, A.; **Stanley, K.**; Gutwin C.; Zohoorian, A., Time balancing with adaptive time-variant minigames, *Proceedings of the International Conference on Entertainment Computing (ICEC) 2011, LNCS 2972/2011*, pp. 173-185. *Nominated for Best Paper Award (One of four papers nominated)*.
- KS12. **Stanley, K.**; Livingston, I.; Bandurka, A.; Hashemian, M.; Mandryk, R. Gemini: A Pervasive Accumulated Context Exergame, *Proceedings of the International Conference on Entertainment Computing (ICEC) 2011, LNCS 2972/2011*, pp. 65-76.
- KS13. Livingston, I.; Mandryk, R.; **Stanley, K.**, Critic-proofing: how using critic reviews and game genres can refine heuristic evaluations, *Proceedings of FuturePlay (ACM) 2010*, pp. 48-55.
- KS14. **Stanley, K.**; Bligh, M.; Hubbard, T.; and Kujath, M., "Lateral sorting of microparticles using a two-phase rectangular electrokinetic array," Canadian Semiconductor Technology Conference, August 14, 2007, Montreal, 6 pages.

## SHORT CONFERENCE PAPERS

- KS15. Clark, S.; Makaroff, D.; **Stanley, K.**, Developing and Evaluating a Lossless Compression Scheme for Scientific Data from a Nanosatellite, *Canadian Conference on Electrical and Computer Engineering*, Accepted, to be presented May 2013, 4 pages.

- KS16. Hashemian, M.; **Stanley, K.**, Effective Utilization of place as a resource in pocket switched networks, *Proceedings of the IEEE Conference on Local Computer Networks (LCN) 2011*, pp. 247-250.
- KS17. **Stanley, K.**; Livingston, I.; Bandurka, A.; Kapsizka, R.; Mandryk, R. PiNiZoRo: A GPS-based Exercise Game for Families, *Proceedings of FuturePlay (ACM)*, 2010, pp. 243-246, May 2010.
- KS18. Eishita, F.; **Stanley, K.**; THEEMPA, Simple AR Games using Layar, *Proceedings of FuturePlay (ACM)*, 2010, pp. 219-222.
- KS19. **Stanley, K.**; Pinelle, P.; Bandurka, A.; McDine D.; Mandryk, R.L.; Integrating Cumulative Context into Computer Games, *Proceedings of FuturePlay (ACM)*, 2008, pp. pg. 248-251.
- KS20. **Stanley, K.**; Bligh, M.; Hubbard, T.; and Kujath, M.; Lateral sorting of microparticles using a two-phase rectangular electrokinetic array, *Canadian Semiconductor Technology Conference*, August, 2007, Montreal.
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## REFEREED WORKSHOP PAPERS

- KS21. Hashemian, M.; Knowles, D.; Calver, J.; Qian, W.; Bullock, M. Bell, S.; and Mandryk, R.; and Osgood, N. **Stanley, K.**, iEpi: an end to end solution for collecting, conditioning and utilizing epidemiologically relevant data, *Proceedings of MobileHealth 2012*, pp. 3-8.
- KS22. Hashemian, M.; **Stanley, K.**; Osgood, N., Flunet: Automated tracking of contacts during flu season, *In Proceeding of WiOpt 2010*, pp. 348-353.
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## REFEREED POSTERS

- KS23. Splawinski, A.; Kapiszka, R.; Robertson, E.; **Stanley, K.**, The Use of 3D Laser Scanning Equipment to Document and Measure Paleoindian Projectile Points, *Annual Meeting of the Canadian Archaeological Association*, May, 2010.
- KS24. **Stanley, K.**; Bligh, M.; Hubbard, T.; and Kujath, M.; Two and three phase electrokinetic flow over asymmetrically spaced electrodes, Canadian Workshop on MEMS and Microfluidics, August 13, 2007, Montreal.
- KS25. Bligh, M.; **Stanley, K.**; Hubbard, T.; and Kujath, M.; Separation of microparticles using a two-phase looped microelectrode array producing continuous electrokinetic flow, Canadian Workshop on MEMS and Microfluidics, August 13, 2007, Montreal.

## 2.2 Invited Contributions

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### INVITED PAPERS

- KS26. **Stanley, K.**; Osgood, N.; *Editorial*: The Potential of Sensor-Based Monitoring as a Tool for Health Care, Health Promotion, and Research, *Annals of Family Medicine* 9, pp. 296-298, 2011.
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### INVITED PRESENTATIONS

- KS27. **Stanley, K.**; Osgood, N., Sensing and Feedback for Epidemiological Modeling Cross-Leveraging Sensors & Systems Models, *ISSH 2011 Plenary*, May 25 2011.

KS28. **Stanley, K.**, Using Portable Electronics for Infectious and Chronic Disease Epidemiology and Health Services Research, *Workshop on Dynamic Modelling for Health Policy: Chronic and Infectious Disease Interaction*, Saskatoon, July 2010.

KS29. **Stanley, K.**; Gemini: In Game Rewards for Out of Game Activity, *Games For Health*, Boston, June, 2009

KS30. Mandryk, R.L.; **Stanley, K.**, Integrating Monitoring into Everyday Activities, *Workshop on Dynamic Modelling for Health Policy: Obesity & Obesity Related Chronic Disease*, Saskatoon, July 2009.

### 3.0 Other Contributions, Highlights

1. GRAND 2013 2 Minute Madness Chair
2. ICEC 2011 Poster and Demonstrations Chair
3. WestGrid Resource Allocation Committee 2010-2012
4. NSERC Discovery Grants and MiTACS Accelerate Reviewing, details omitted for space
5. Reviewing for journals, conferences and on program committees, details omitted for space

### 4.0 Delays in Activity

Two delays are present in the research record presented here. The first is a typical gap in research productivity between the end of my postdoctoral studies and the start of my tenure-track research. While this is not regarded as a legitimate reason for delay by the NSERC secretariat, it does account for the dip in productivity in 2009. Not as evident from my publication record are the two parental leaves I took from May to November, 2010 and April to August 2012. I believe it is a testament to the culture and team I built, that research productivity continued to increase during a period of de facto absence. As a result of these parental leaves my Discovery Grant was extended two years, and will expire in 2015.

### 5.0 Contributions to HQP

Over the first five years of tenure-track research, I have successfully graduated four Masters students and am continuing to train 3 PhD students, and 4 Masters students. I have also had the opportunity to supervise or co-supervise 6 undergraduate honours theses and 8 undergraduate summer work terms. I have co-published with over most of the HQP listed, including undergraduate students, indicating a training impact. All my past HQP have found relevant employment, or are continuing their studies.

Consistent with my interdisciplinary research program, I am supervising or co-supervising graduate students in sensor system-based thesis in sensor fusion (Paul, Johnston), digital games (Eishita, Zohoorian, Tavassolian, Negini), communications (Kaiser, Pulimi) and health (Hashemian, Qian). I believe that my ability to successfully supervise students in a related, but diverse areas is testament to my capacity as a mentor and supervisor.

Most of my Masters students are co-supervised for several reasons. First, because it is an excellent way to engage and collaborate with colleagues and build my research network, and to this end I have co-supervised with five of my colleagues in the Department of Computer Science. Second, in keeping with my multidisciplinary research program, co-supervision is an excellent mechanism for providing students with a sufficient breadth of background knowledge and supervisory expertise to ensure their success. Finally, I was on parental leave from May – November 2010, and April – September 2012. I felt that a six months' de facto absence was too potentially disruptive for students pursuing an 18-24 month degree, and opted for co-supervision to ensure that students completed within a reasonable time frame.



**APPENDIX A  
Personal Data  
(Form 100)**

Complete this appendix (i) if you are an applicant or co-applicant applying for the first time; (ii) if you need to update information submitted with a previous application; or (iii) if you do not hold an appointment at a Canadian postsecondary institution. For updates, include only the revised information in addition to the date, your name and your PIN.

This information will be used by NSERC primarily to contact applicants and award holders. It may also be used to identify prospective reviewers and committee members, and to generate statistics. It will not be seen or used in the adjudication process.

Date <b>2013/06/17</b>			
Family name <b>Stanley</b>	Given name <b>Kevin</b>	Initial(s) of all given names <b>KG</b>	Personal identification no. (PIN) <b>Valid 193005</b>
Position and complete mailing address if your primary place of employment is not a Canadian postsecondary institution or if your current mailing address is temporary  <b>176 Thorvaldson Bldg 110 Science Place Saskatoon SK S7N5C9 CANADA</b>			If address is temporary, indicate:  Starting date  Leaving date
Telephone number <b>1 (306) 9666747</b>	Facsimile number <b>(306) 9664884</b>	E-mail address <b>kstanley@cs.usask.ca</b>	
Telephone number (alternate)	Give an alternate telephone number only if you can be reached at that number during business hours.		Gender (completion optional) <input checked="" type="checkbox"/> Male <input type="checkbox"/> Female
<b>LANGUAGE CAPABILITY</b>			
English Read <input checked="" type="checkbox"/> Write <input checked="" type="checkbox"/> Speak <input checked="" type="checkbox"/>			
French Read <input type="checkbox"/> Write <input type="checkbox"/> Speak <input type="checkbox"/>			
I wish to receive my correspondence: in English <input checked="" type="checkbox"/> in French <input type="checkbox"/>			
<b>AREA(S) OF EXPERTISE</b>			
Provide a maximum of 10 key words that describe your area(s) of expertise. Use commas to separate them. If you have expertise with particular instruments and techniques, specify which one(s).  <b>Sensor Systems, Sensor Fusion, Ubiquitous Computing, Ubiquitous Games, Game Modeling, Health Modeling, Games for Health</b>			Research subject code(s)  Primary <b>2606</b>
			Secondary <b>2721</b>



### Appendix D (Form 100) Consent to Provide Limited Personal Information About Highly Qualified Personnel (HQP) to NSERC

NSERC applicants are required to describe their contributions to the training or supervision of highly qualified personnel (HQP) by providing certain details about the individuals they have trained or supervised during the six years prior to their current application. HQP information must be entered on the Personal Data Form (Form 100). This information includes the trainee's name, type of HQP training (e.g., undergraduate, master's, technical etc.) and status (completed, in-progress, incomplete), years supervised or co-supervised, title of the project or thesis, and the individual's present position.

Based on the federal *Privacy Act* rules governing the collection of personal information, applicants are asked to obtain consent from the individuals they have supervised before providing personal data about them to NSERC. In seeking this consent, the NSERC applicant must inform these individuals what data will be supplied, and assure them that it will only be used by NSERC for the purpose of assessing the applicant's contribution to HQP training. To reduce seeking consent for multiple applications, applicants will only need to seek consent one time for a six-year period. If the trainee provides consent by e-mail, the response must include confirmation that they have read and agree to the text of the consent form.

When consent cannot be obtained, applicants are asked to not provide names, or other combinations of data, that would identify those supervised. However, they may still provide the type of HQP training and status, years supervised or co-supervised, a general description of the project or thesis, and a general indication of the individual's present position if known.

#### An example of entering HQP information on Form 100 (with and without consent):

Name	Type of HQP Training and Status	Years Supervised or Co-supervised	Title of Project or Thesis	Present Position
<b>Consent Received from Marie Roy</b>				
Roy, Marie	Undergraduate (Completed)	Supervised 1994 - 1997	Isotope geochemistry in petroleum engineering	V-P (Research), Earth Analytics Inc., Calgary, Alberta
<b>Consent Not Obtained from Marie Roy</b>				
(name withheld)	Undergraduate (Completed)	Supervised 1994 - 1997	Isotope geochemistry	research executive in petroleum industry - western Canada

### Consent Form

Name of Trainee	
Applicant Information	
Name Stanley, Kevin KG	
Department Computer Science	Postsecondary Institution Saskatchewan
I hereby allow the above-named applicant to include limited personal data about me in grant applications submitted for consideration to NSERC for the next six years. This limited data will only include my name, type of HQP training and status, years supervised or co-supervised, title of the project or thesis and, to the best of the applicant's knowledge, my position title and company or organization at the time the application is submitted. I understand that NSERC will protect this data in accordance with the <i>Privacy Act</i> , and that it will only be used in processes that assess the applicant's contributions to the training of highly qualified personnel (HQP), including confidential peer review.	
Trainee's signature	Date
Note: This form must be retained by the applicant and made available to NSERC upon request.	