



19th ANNUAL REPORT

2003 - 2004

Saskatchewan Instructional Development & Research Unit
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CONTENTS

SASKATCHEWAN INSTRUCTIONAL DEVELOPMENT & RESEARCH UNIT	1
SIDRU PROVINCIAL ADVISORY BOARD.....	2
SIDRU STAFF, PROJECT PERSONNEL, AND ADVISORY COMMITTEES.....	3
REPORT OF THE DEAN OF EDUCATION.....	5
REPORT OF THE DIRECTOR	6
FINANCE AND MANAGEMENT	7
ORGANIZATION AND STRUCTURE	7
RESEARCH AND DEVELOPMENT PROJECTS	7
New Projects	7
Proposed Projects.....	8
Projects in Progress.....	9
Projects Completed.....	9
Faculty Services.....	11
GENERAL RESEARCH AND DEVELOPMENT ACTIVITIES	12
SIDRU PUBLICATION LIST	14
APPENDIX: Summary of Project Funds 2003-2004.....	15

SASKATCHEWAN INSTRUCTIONAL DEVELOPMENT & RESEARCH UNIT

The Saskatchewan Instructional Development and Research Unit (SIDRU) is a provincial educational research and development unit located in the Faculty of Education, University of Regina. Established in 1985, its mandate is to conduct research and engage in development activities that contribute to improvement of the quality of education in Saskatchewan.

SIDRU serves as a focal point in the province for improving the quality of instruction through: program evaluation, program development, Information Communication Technology and education, northern and Aboriginal Education, and interagency collaboration.

Based upon its original mandate, SIDRU established a network of working relationships with other units whose mandates also include improving educational quality, such as the Saskatchewan Educational Leadership Unit (SELU) at the University of Saskatchewan, the Saskatchewan Professional Development Unit (SPDU) at the Saskatchewan Teachers' Federation, and several branches within Saskatchewan Learning. More recently, SIDRU's work has entailed collaboration with a wide variety of agencies, including: SIAST; the Department of Community Resources & Employment (DCRE); Industry Canada (SchoolNET); Office of the Treaty Commissioner; Mi'kmaw Kina'matnewey (in Nova Scotia), and others.

SIDRU PROVINCIAL ADVISORY BOARD

Barry Bashutski, Branch Representative
Saskatchewan School Boards Association (SSBA)

Dr. Allan Cahoon, Vice-President (Research)
University of Regina

Dr. Laurie Carlson Berg
Faculty of Education
University of Regina

Dr. Shirley Humphries, Executive Assistant
Saskatchewan Teachers' Federation (STF)

Ms. Georgia Joorisity, Assistant Director
Sunrise S. D. No. 145
League of Educational Administrators, Directors, and
Superintendents (LEADS)

Ms. Jane Macleod, Director
Saskatchewan Professional Development Unit (SPDU)
Saskatchewan Teachers' Federation

Armand Martin, Executive Director
Languages, Culture & Community Branch
Saskatchewan Learning

Dr. Margaret McKinnon, Dean
Faculty of Education, University of Regina

Ms. Terry Myers, Executive Director
Strategic Partnerships & Aboriginal Education Branch
Saskatchewan Learning

Dr. Walt Pawlovich, Assistant Dean
College of Education, University of Saskatchewan

Dr. Murray Scharf, Director
Saskatchewan Educational Leadership Unit (SELU)
University of Saskatchewan

Dr. Warren Wessel, Assistant Dean
Research & Graduate Programs
Faculty of Education, University of Regina

SIDRU STAFF

Michael Tymchak, Director
Ann Curry, Assistant Director
Juanita Duncan, Research Assistant (Publications)
Michelle Pawliuk/Nanette Marquart, Research Assistants (Finances)

PROJECT PERSONNEL AND ADVISORY COMMITTEES

Aboriginal SchoolNet (Evaluation of Two First Nations Pilot Projects: Network of Innovative Schools and GrassRoots Program)

Project Advisor - M. Tymchak
Principal Researcher - A. Curry
Associate Researchers - A. Couros
- H. Michell

Academic Journal Support (PPE)

Project Advisor - M. Tymchak
Editor - D. Common (editor)
Editorial Board - A. Kipling Brown
- J. McNinch
Editorial Assistant - J. Duncan

Assessment for Learning: Working Together to Enhance Assessment Practices (Mathematics)

Project Advisor - M. Tymchak
Project Director - C. Erlandson (SPDU)
Project Associates - M. Maeers
- R. Seaman

Climate Change Education Saskatchewan

Project Advisor - M. Tymchak
Project Directors - D. Beveridge/L. Benko
Workshop Coordinator - L. Nicholls

Climate Change Saskatchewan (Public Education & Outreach Hub)

Project Advisor - M. Tymchak
Project Director - D. Beveridge
Project Coordinator - C. Sikma

Early Learning and Care: Community Resources and Employment (CRE)

Project Advisor - M. Tymchak
Principal Researchers - B. Keirnes Young
- B. Malley

Education Graduate Survey – Year 2003

Project Advisor - M. Tymchak
Project Associate - R. Lee

Evaluation of the Community-Development Process: Yorkton's KidsFirst Program

Project Advisor - M. Tymchak
Principal Researcher - C. Krentz
Associate Researcher - T. Mensch

Evaluation of the Treaty Resource Kit Effectiveness (Ph 2)

Project Advisor - M. Tymchak
Principal Researcher - P. Brooks
Associate Researcher - D. Bale

Faculty of Education Newsletter

Project Advisor - M. Tymchak
Project Associates - C. Fulton
- H. Salloum

French Education Research

Project Advisors - B. Laplante
- M. Tymchak

History and Background/Promotion of the Role of the Schools in Faculty

Project Advisor - M. Tymchak
Project Associate - T. Salm

Longitudinal Pre-Kindergarten Research Project: Year 4

Project Advisor - M. Tymchak
Principal Researchers/Writers - C. Krentz
- J. Lorentz
- T. Mensch
- B. Warkentin

Mi'kmaq Education Evaluation Project

Project Director - M. Tymchak
Research Associates - J. Orr
- A. Curry
- A. Ducharme
- D. MacKinnon
- H. Schultz
- P. Clarke

Northern English-as-a-Second Dialect/Language Arts Project

Project Advisor - M. Tymchak

Project ASSIST (A Science Summer Institute for Saskatchewan Teachers)

Project Advisor - M. Tymchak
Project Coordinator - D. Beveridge
Project Facilitator - W. Shumay
Steering Committee - L. Benko
- W. Clark

Educational Research & Professional Development Funds

Project Advisor - M. Tymchak

New Ed Research & PD Funds

Envelope A: Professional Development Fund

*Stress Associated with Being a Student Teacher:
Field Experience Contexts*

Principal Researcher - S. Badali

Envelope C: Role of the School

*Teaching to School^{PLUS}: An Action Research Project to
Create Extended Communities of Practice for Teacher
Educators to Support Students with Autism and
Pervasive Developmental Disorders.*

Principal Researchers - S. Thompson
- C. Kesten

Ongoing Ed Research & PD Funds

Envelope A: Professional Development Fund

- *Collaborative Interactive Journaling in Mathematics
Between Third Year Preservice Teachers and Grade
Three Children: Benefits for Learning*
Principal Researchers - M. Maeers
- B. Warkentin
- *Developing Instructional Strategies to Assist Students in
Constructing Conceptual Knowledge in High School
Physics: A Collaborative Action Research Study*
Principal Researcher - W. Wessel
- *Preservice Teachers' Ideas on Portfolio Assessment in
Mathematics*
Principal Researchers - K. Nolan
- D. Bale
- N. Witt
- *Revisiting Internship Seminar*
Principal Researcher - N. Browne

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Saskatchewan Environmental Educators' Needs Assessment

Project Advisor - M. Tymchak
Principal Researcher - D. Beveridge
Research Assistant - C. Douaud

2002-2004 SchoolNet GrassRoots Initiative/ iTeacher Education

Project Director - D. Friesen
Research Associates - A. Couros
- M. Maeers
- N. Browne
- K. Nolan

SIAST Certificate for Instructors

Project Advisors - M. Tymchak
- C. Naud
Project Coordinators - A. Curry
- A. Hrabok

Ongoing Ed Research & PD Funds (continued)

Envelope A: Professional Development Fund

- *Starting at the Beginning: Constructing Teachers
Through the Application Process*
Principal Researchers - W. Hurren
- C. Schick
- *University of Regina Peer Mentoring Project*
Principal Researcher - N. Forsberg
- *Special Case Research Fund
Funding Agency - SIDRU*
Project Advisor - M. Tymchak
Duration - Feb/02 (one-time award)

*Recent Graduates' Reflections and Recollections of
their Doctoral Studies*

Principal Researchers - K. O'Reilly-Scanlon
- J. Bayley

Envelope B: General Research Fund

- *Building Bridges Between Adult Education and K-12
Programs: Exploring a Model for Integration at the
U of R*
Principal Researcher - R. Khalideen
- *Teachers Diagnosed with Attention-Deficit/Hyperactivity
Disorder or Bipolar Disorder: Career Implications*
Principal Researchers - K. Reynolds
- S. Corbin Dwyer

Completed Ed Research & PD Funds

Envelope A: Professional Development Fund

*The Internship Seminar: Towards Building a Community
of Learners*

Principal Researcher - S. Badali

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School^{PLUS} Congress

Project Advisors - M. McKinnon
- M. MacLean
- D. Friesen
- M. Tymchak
Congress Director - B. Keirnes Young
Project Assistants - A. Curry
- C. Fulton

School^{PLUS} Leadership Consortium

Project Advisors - M. Tymchak
- J. Macleod
- B. Bashutski
- B. Keegan
- D. Hoiium
- A. Curry
Researcher - R. Endsinn
Site Visit Team - M. Taylor
- T. Salm

Report of the Dean of Education



Dr. Margaret McKinnon
Dean, Faculty of Education

This has been a very dynamic and successful year for SIDRU. The range of projects is impressive—including applied and theoretical research, program evaluations, instructional development initiatives, community consultations, program management, and conference planning to name a few. The breadth of the expertise that SIDRU has pulled together to develop and deliver these projects is also remarkable. This expertise is reflected in the strong interdisciplinary and interagency teams and networks that SIDRU has created to respond to the complex questions emerging from an ever-growing client base.

The projects that started in 2003-04 represent exciting new directions that build on previous strengths—most notably in the areas of early childhood education, community development, information communication technology, First Nations and Métis education, and School^{PLUS}. SIDRU is working with government departments, community organizations and educators to examine issues related to early learning and care in the preschool years. It is collaborating with nongovernmental,

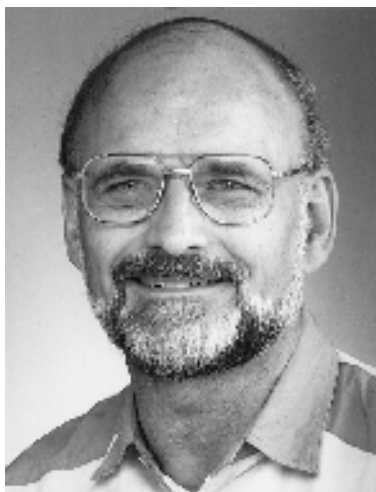
community groups, First Nations and Métis associations, and professional organizations to examine the effectiveness and impact of ICT, new models of education, curriculum resources, and community needs, strengths and priorities. It has launched a unique partnership to develop an instructional program for postsecondary educators. It has linked with partners to create new forums for interagency work related to School^{PLUS} policy, practice and research. It is partnering with federal, provincial and local government agencies, professional organizations, and teacher educators to develop resources related to climate change, science education, environmental education and French language education. It has developed new approaches to research—most notably a collaborative model of evaluation that actively engages stakeholders in problem solving and consensus building throughout the evaluation process. The reports, colloquia, symposia and seminars that have emerged from these many projects reflect thoughtful and sensitive analyses of complex and compelling issues. I congratulate SIDRU for its significant contributions through these projects to enhancing educational success and well-being in our communities.

Many thanks to Michael Tymchak for his innovative leadership as SIDRU Director. With Michael's vision and guidance, SIDRU has created new forums for dialogue, community engagement and collective action. These initiatives are reflected in new partnerships, strategies and structures that support a very inclusive approach to policy, practice and research development.

Many thanks also to Ann Curry (Assistant Director), Juanita Duncan, Michelle Pawliuk, and Nanette Marquart (support staff). Their commitment, creativity and energy have contributed significantly to this year's successful projects, publications, and seminars. We are fortunate in having such experienced and dedicated staff.

Thanks too, to the Provincial Advisory Board for their support and strategic advice throughout the year. Through its Advisory Board, SIDRU continues to foster strong and vibrant collaborations across disciplines, sectors and geographic locations.

Report of the Director



Dr. Michael Tymchak
Director, SIDRU

This has been a very busy year for everyone associated with SIDRU. We welcomed Ann Curry as half-time Assistant Director in the spring of 2003 and as full time in May 2004. Ann brings a wealth of experience in a broad range of areas, and provides important leadership for a number of our projects, as well as undertaking many administrative tasks to support general operations. In early April, Michelle Pawliuk, Research Assistant, took maternity leave and she and Robert are now proud parents of a baby girl, "Laura Jane." Nanette Marquart, a graduate of the Faculty of Education ('97), recently from Justice Studies, has joined us as our replacement Research Assistant.

The themes associated with the 'New SIDRU' consultation of December 2002 continue to figure prominently in the new projects we have undertaken. We have adopted the practice of featuring an expanded advisory group for the December Provincial Advisory Board (PAB) meeting. We will regularly invite a broad range of partner organizations to this 'think tank' meeting, to help us explore a broad range of project possibilities. We will invite representatives from many government departments and SIAST, as well as representatives from Aboriginal institutions. Membership may be further enlarged, yearly, depending on the types of projects with which we become involved. But we will continue to build on our areas of expertise: program evaluation, program development, Information Communication Technology and education, northern and Aboriginal Education, and interagency collaboration.

We were delighted to begin partnership with SIAST in developing their Instructor's Certificate Program. This has been a true collaboration with program elements and

personnel from both institutions participating in every stage of the development. The first Summer Institute of the program will be held in August. Next summer, a second-level Institute will be held for students in the program, including a repeat of the first Institute for the new intake.

Regarding our First Nations interests, we were pleased to participate in the evaluation of Mi'kmaq Kina'matnewey (MK) in Nova Scotia. This major review, after 6 years of operation, involved visits to all the participating Indian Bands (10), their schools and Band Offices, as well as the MK head office in Sydney, and the Indian and Northern Affairs Canada regional headquarters in Amherst. A Symposium based on the Interim Report was held in Halifax in November, and the final report was sent off at the beginning of January 2004. Incorporating both federal and provincial legislation, MK represents a remarkable vision for First Nation collaboration and has created considerable interest in other parts of Canada. Hopefully, based on our evaluation, the parties will be successful in current negotiations to develop a new 5-year agreement.

After our work on the original Role of the School Task Force, we are pleased that School^{PLUS} has been a feature of several of our projects this past year. We are a member of the School^{PLUS} Consortium, along with SPDU, SELU, SSBA, and Saskatchewan Learning. In Fall/03 we collaborated with the Faculties of Education and Social Work as Founding Members to create the School^{PLUS} Congress, scheduled for November 2004. As well as focusing on best practices and new thinking associated with School^{PLUS}, we hope the Congress will enhance and promote the change process associated with this important reform in education and human services. A large number of institutions and agencies have joined the Congress as Charter Members and as the Congress Advisory Board. The important public discussion process relating to Early Learning and Care that we are currently engaged in, also reflects our commitment to School^{PLUS} and to interagency collaboration. That this project is jointly sponsored by the Department of Community Resources & Employment, and Saskatchewan Learning, and focuses on a 'blended' approach to 'early learning *and* care,' is symptomatic of the growing spirit of partnership and collaboration.

I want to express particular thanks to: our excellent and devoted staff with whom it is such a privilege to work; our PAB for their on-going wisdom and support; to the Faculty of Education, and the Dean, for their support, interest, encouragement and a home (!); to the University Office of Research Services for their assistance (especially to Janet Campbell); and to the many agencies which we have been privileged to work and collaborate with over the past year.

FINANCE AND MANAGEMENT

General operating expenses and staff salaries were supported by SIDRU revenues and the Faculty of Education.

The University of Regina provided a portion of the Director's salary, office space, and other university services, including the Business Office, Computing Services, library, audiovisual, and administrative support.

A financial statement is found in the Appendix.

means; facilitating cooperative problem solving and identifying needs and resources; and providing research and development training opportunities for graduate students and others in the field of education.

The following projects of 2003 to 2004 - New, Proposed, In Progress, Completed, and Faculty Services - illustrate our commitment to fulfilling these intended purposes and functions. A brief descriptive summary of each project is provided. More complete information on each of these projects is available from SIDRU.

ORGANIZATION AND STRUCTURE

SIDRU operates on the basis of a constitution which provides a mission statement and an organizational structure. The organization is governed by the Charter of the University of Regina. The Director, appointed annually by the President upon recommendation of the Dean of Education, reports to the Dean of Education; to the Dean, Faculty of Graduate Studies and Research; and to the Provincial Advisory Board which consists of representatives from each of the provincial educational agencies.

New Projects

Assessment for Learning: Working Together to Enhance Assessment Practices (Mathematics)

Funding Agency - Saskatchewan Learning

Management - SIDRU/SPDU

Project Advisor - M. Tymchak (SIDRU)

Project Director - C. Erlandson (SPDU)

Project Associates - M. Maeers, R. Seaman (U of R)

Duration - Mar/04-Nov/04

A joint SPDU/SIDRU project funded by Saskatchewan Learning designed to determine best practices for teachers relating to the use of provincial test-score data (Indicators) in the area of mathematics. SPDU is the lead unit in this project. Workshops for teachers will be based on this study.

Early Learning and Care: Community Resources and Employment (CRE)

Funding Agency - Saskatchewan Learning & CRE

Project Advisor - M. Tymchak

Principal Researchers - B. Keirnes Young, B. Malley

Duration - Apr/04-July/04

This study features a series of 12 community-based discussions around the province relating to the framework that has been developed for a blended approach towards early learning and child care. The discussion sessions involve a broad range of stakeholders, including parents, care providers, professional resource persons and interest groups. The project is jointly sponsored by the Department of Community Resources and Employment, and Saskatchewan Learning. A Symposium of representative stakeholders will be held after the site-based discussions, and prior to the writing of the final report.

RESEARCH AND DEVELOPMENT PROJECTS

SIDRU's mandate intends that this unit serve an important role - the improvement of instruction in the provincial educational system. The original mandate suggests that instructional improvement activities of the unit be directed towards research related to teaching and its impact on learning. Functions described within the SIDRU constitution intend that the unit fulfill this mandate through the following activities: conducting research and development activities relevant to instruction within the Saskatchewan context; consulting with school systems in areas such as project design and evaluation; disseminating research findings, methodological approaches, and critical analyses of research through publications and other

Evaluation of the Community-Development Process: Yorkton's KidsFirst Program

Funding Agency - Yorkton KidsFirst Program

Project Advisor - M. Tymchak

Principal Researcher - C. Krentz

Associate Researcher - T. Mensch

Duration - Apr/04-Oct/04

The Yorkton KidsFirst Program invited SIDRU to conduct an evaluation of their community development processes around the implementation of their program.

Evaluation of the Treaty Resource Kit Effectiveness (Phase 2)

Funding Agency - Office of the Treaty Commissioner

Project Advisor - M. Tymchak

Principal Researcher - P. Brooks

Associate Researcher - D. Bale

Duration - Sept/03-June/04

Having developed an evaluation instrument in collaboration with the Office of the Treaty Commissioner (OTC) in Phase 1, Phase 2 employs the evaluation design to study the response of participants to the OTC workshops and materials, as well as general background awareness of Treaty issues.

Longitudinal Pre-Kindergarten Research Project: Year 4

Funding Agency - Regina S. D. No. 4

Project Advisor - M. Tymchak

Principal Researchers/Writers - C. Krentz, J. Lorentz,
T. Mensch, B. Warkentin

Duration - Sept/03-Oct/04

This is Year 4 of a 6-year longitudinal study of pre-kindergarten programs associated with selected Community Schools in the province.

School^{PLUS} Congress

Sponsors - Fac of Education, Fac of Social Work, U of R;
& SIDRU. Additional funding from 17+ Charter Members

Project Advisors - M. Tymchak, M. McKinnon,
M. MacLean, D. Friesen

Congress Director - B. Keirnes Young

Project Assistants - A. Curry, C. Fulton

Duration - Jan/04-Dec/04

The Faculty of Education, the Faculty of Social Work, and SIDRU have joined forces to develop a major 3-day

Congress - in November 2004 - that will focus on current thinking, best practices and significant developments relating to School^{PLUS}. Nearly 20 other groups and agencies have joined the Congress founders as Charter Members; the Charter Members also constitute an Advisory Board for the Congress.

SIAST Certificate for Instructors

Funding Agency - SIAST

Project Advisors - M. Tymchak, C. Naud

Project Coordinators - A. Curry (SIDRU),
A. Hrabok (SIAST)

Duration - Nov/03-Aug/04

After an invitational tendering process, SIAST selected SIDRU to manage the development and delivery of a Certificate for its Instructors. The program design includes a Certificate that will be offered by SIAST on the basis of 6 courses chosen from the Adult Education Program, in the Faculty of Education; and 5 courses offered by SIAST, including two Summer Institutes. Upon successful completion, students may elect to apply for entry into the Bachelor of Adult Education Program at the University of Regina.

Proposed Projects

Northern English-as-a-Second Dialect/Language Arts Project

Funding Agency - Saskatchewan Learning &
Northern Lights S. D.

Still in the early stages of discussion, this program will study best practices in English-as-a-Second Dialect within the Northern Lights School Division, and develop a series of Language Arts workshops for teachers. Both the theoretical study of English-as-a-Second Dialect, and its use in projects in other parts of the world, will serve as a basis for this project that is designed to inform and strengthen the teaching of language arts in the context of the diverse language usage areas of northern Saskatchewan.

Projects in Progress

Climate Change Education Saskatchewan

Funding Agencies - Major: Climate Change Action Fund (Govt. of Canada), SaskEnergy, SaskPower, Govt. of Saskatchewan (Sask. Environment & Resource Management, Sask. Learning, Sask. Industry & Resources, Sask. Watershed Authority). Minor: STF, Sask. Science Teachers' Society (SSTS), Sask. Outdoor & Environmental Education Assoc., SEEDS Foundation and others.

Project Advisor - M. Tymchak

Project Directors - D. Beveridge/L. Benko

Workshops Coordinator - L. Nicholls

Duration - Oct/02-Sept/04

SIDRU manages this project in conjunction with an Advisory/Working Committee and a Funders/Management Committee and in partnership with Climate Change Saskatchewan. The aim of the project is to facilitate teachers in the teaching of climate change. The project focuses primarily on conducting teachers' education workshops and developing and adapting instructional materials for use in Saskatchewan elementary and high schools. This project builds directly on the curriculum work and teachers' awareness workshops conducted by Climate Change Saskatchewan in 2001-02.

French Education Research

Funding Agency - Bac Program, Faculty of Education, U of R

Project Advisors - B. Laplante, M. Tymchak

Duration - Apr/93-ongoing

Growing our Own: Faculty Perspectives on the Achievement of Excellence in Graduate Study
Principal Researcher/Writer - L. Carlson Berg

Recherche auprès du personnel enseignant les sciences dans la DSF #310

Principal Researchers/Writers - B. Laplante, F. Ruel

Translating the Diversity Series

Project Advisor - N. Fraser Child

Principal Researcher/Writer - N. Sauvage

Project ASSIST (A Science Summer Institute for Saskatchewan Teachers)

Funding Agencies - Sask. Learning, Sask. Science Teachers' Society (SSTS), U of R, U of S

Project Advisor - M. Tymchak

Project Coordinator - D. Beveridge

Facilitator - W. Shumay

Duration - June/95-ongoing

Project ASSIST is an annual, 4-day program sponsored by the Saskatchewan Science Teachers' Society (SSTS). ASSIST is designed for science teachers who wish to update their content knowledge, teaching-learning strategies, and networking on themes in science, technology, society, and the environment. Since 1990, Project ASSIST has been hosted alternately by the U of R and the U of S. In 2002 the U of R hosted ASSIST on the theme "Excite Your Students' Science Experience," aimed at Grades K to 7 teachers. In recent years SSTS instituted ASSIST Mentor for Grades 8 to 12 teachers while continuing ASSIST for Grades K-7 teachers. ASSIST Mentor took place in July 2003 at the U of R on the theme of Climate Change. ASSIST will take place in July 2004 at the U of R.

School^{PLUS} Leadership Consortium

Funding Agency - Sask Learning

Project Advisors - M. Tymchak, J. Macleod, B. Bashutski, B. Keegan, D. Hoiium, A. Curry

Researcher - R. Endsln

Site Visit Team - M. Taylor, T. Salm

Duration - Feb/03-ongoing

This project is a consortium of research units working together to explore and research areas of development associated with School^{PLUS} within the province. Funded by Saskatchewan Learning, the first area of focus has been leadership. On the basis of the findings of a series of 'best practices' project consultations around the province, the Consortium hopes to develop a Leadership Handbook that will be available for the School^{PLUS} Congress in November 2004. The Consortium includes SPDU (Saskatchewan Teachers' Federation), SELU (College of Education, University of Saskatchewan), the Saskatchewan School Boards Association Research Unit, SIDRU and representatives from Saskatchewan Learning.

Projects Completed

Aboriginal SchoolNet (Evaluation of Two First Nations Pilot Projects: Network of Innovative Schools and GrassRoots Program)

Funding Agency - Industry Canada

Project Advisor - M. Tymchak

Principal Researcher - A. Curry

Associate Researchers - A. Couros, H. Michell

Duration - Sept/03-Mar/04

In order to build the use of e-learning programs in First Nations schools, Industry Canada (SchoolNet) invited SIDRU to document the processes/products and the challenges/successes of the pilot projects to modify future programming to the needs of First Nations schools.

Climate Change Saskatchewan (Public Education and Outreach Hub)

Funding Agencies - Climate Change Action Fund (Govt. of Canada), Govt. of Saskatchewan (Sask. Environment & Resource Management, Sask. Industry & Resources)

Project Advisor - M. Tymchak

Project Director - D. Beveridge

Project Coordinator - C. Sikma

Duration - Nov/02-Mar/04

SIDRU managed this project in conjunction with a broad-based provincial hub Advisory Committee and a Funders/Management Committee. The aim of the project was to help Saskatchewan people increase their awareness and understanding of climate change and its implications, and to encourage action to reduce greenhouse gas emissions. The thrust of activities was with the general public through a website, Speakers' Bureau and trade shows; with K-12 teachers through teachers' awareness workshops and curriculum cross-reference documents; and with First Nations' communities at summer science festivals. This pilot phase passed evaluation by external evaluators to progress to Phase 2.

French Education Research

Funding Agency - Bac Program, Faculty of Education, U of R

Project Advisors - B. Laplante, M. Tymchak

Duration - Apr/93-ongoing

L'actualisation linguistique en tant que composante de l'identité professionnelle chez les enseignantes en formation

Principal Researcher/Writer - L. Brogden

Les enfants écrivent un livre d'école

Principal Researcher/Writer - H. Christiansen

Re-educating the Educator: Global Perspectives on Teacher Education

Principal Researcher/Writer - H. Christiansen

Longitudinal Pre-Kindergarten Research Project: Year 3

Funding Agency - Regina S.D. No. 4

Project Advisor - M. Tymchak

Principal Researchers/Writers - C. Krentz, J. Lorentz, T. Mensch, B. Warkentin

Duration - Sept/02-June/03

The Mi'kmaq Education Evaluation Project

Funding Agencies - Mi'kmaq Kina'matnewey & the Dept. of Indian and Northern Affairs Canada

Project Advisor - M. Tymchak

Research Associates - A. Curry, J. Orr, A. Ducharme, D. MacKinnon, H. Schultz, P. Clarke

Duration - July/03-Jan/04

SIDRU was invited by Indian and Northern Affairs Canada and the Mi'kmaq Kina'matnewey to conduct an evaluation of the Implementation Plan of the Agreement that transfers jurisdiction over primary, secondary, and postsecondary education to nine Mi'kmaq First Nations in Nova Scotia. This Agreement is the first of its kind in Canada, part of the movement towards self-governance for First Nations peoples.

Saskatchewan Environmental Educators' Needs Assessment

Funding Agency - Harmony Foundation of Canada

Project Advisor - M. Tymchak

Principal Researcher - D. Beveridge

Research Assistant - C. Douad

Duration - Feb/03-Jan/04

The Harmony Foundation of Canada engaged SIDRU to conduct a survey to assess environmental education needs and priorities in Saskatchewan of those doing environmental education and communication in the schools, environmental organizations, and agencies of Saskatchewan. SaskPower provided financial support. SIDRU conducted the survey in February 2003. The Harmony Foundation issued the final report in September 2003 entitled "Environmental Education Needs in Saskatchewan: Reconnaissance Survey and Recommendations for Action."

2002-2004 SchoolNet GrassRoots Initiative/iTeacher Education

Funding Agency - Industry Canada

Project Director - D. Friesen

Research Associates - A. Couros, M. Maeers, N. Browne, K. Nolan

Duration - Sept/02-Mar/04

This project, funded under SchoolNet's Grassroots Program, was designed to explore how best to incorporate Information and Communication Technology into pre-service teacher education programs. Recently the findings and achievements of this project were highlighted at a national conference sponsored by the Canadian Deans of Education that was held in Calgary.

Faculty Services

Academic Journal Support (*Policy & Practice in Education*)

Project Advisor - M. Tymchak

Editor - D. Common

Editorial Board - A. Kipling Brown, J. McNinch

Editorial Assistant - J. Duncan

Duration - Sept/95-ongoing

The Faculty of Education, University of Regina, funds the publication of *Policy and Practice in Education*. SIDRU's role is to provide both clerical and accounting support for the journals.

Education Graduate Survey – Year 2003

Project Advisor - M. Tymchak

Project Associate - R. Lee

Duration - Mar/04-July/04

This project focuses on the employment situation of graduates from the Faculty of Education, University of Regina, in the year 2003. The survey instrument is a modified version of the instrument developed by the College of Education, University of Saskatchewan. A final report will be completed in July 2004.

Educational Research and Professional Development Funds

Funding Agency - Faculty of Education, U of R

Advisor - M. Tymchak

Duration - Apr/03-ongoing

New Ed Research & PD Funds

Envelope A: Professional Development Fund

Stress Associated with Being a Student Teacher: Field Experience Contexts

Principal Researcher - S. Badali

Envelope C: Role of the School

Teaching to School^{PLUS}: An Action Research Project to Create Extended Communities of Practice for Teacher Educators to Support Students with Autism and Pervasive Developmental Disorders.

Principal Researchers - S. Thompson, C. Kesten

Ongoing Ed Research & PD Funds

Envelope A: Professional Development Fund

- *Collaborative Interactive Journaling in Mathematics Between Third Year Preservice Teachers and Grade Three Children: Benefits for Learning*
Principal Researchers - M. Maeers, B. Warkentin

- *Developing Instructional Strategies to Assist Students in Constructing Conceptual Knowledge in High School Physics: A Collaborative Action Research Study*
Principal Researcher - W. Wessel
- *Preservice Teachers' Ideas on Portfolio Assessment in Mathematics*
Principal Researchers - K. Nolan, D. Bale, N. Witt
- *Revisiting Internship Seminar*
Principal Researcher - N. Browne
- *Starting at the Beginning: Constructing Teachers Through the Application Process*
Principal Researchers - W. Hurren, C. Schick
- *University of Regina Peer Mentoring Project*
Principal Researcher - N. Forsberg
- *Special Case Research Fund*
Funding Agency - SIDRU
Project Advisor - M. Tymchak
Duration - Feb/02 (one-time award)

Recent Graduates' Reflections and Recollections of their Doctoral Studies

Principal Researchers - K. O'Reilly-Scanlon, J. Bayley

Envelope B: General Research Fund

- *Building Bridges Between Adult Education and K-12 Programs: Exploring a Model for Integration at the U of R*
Principal Researcher - R. Khalideen
- *Teachers Diagnosed with Attention-Deficit/Hyperactivity Disorder or Bipolar Disorder: Career Implications*
Principal Researchers - K. Reynolds, S. Corbin Dwyer

Completed Ed Research & PD Funds

Envelope A: Professional Development Fund

- *The Internship Seminar: Towards Building a Community of Learners*
Principal Researcher - S. Badali
- *Popular Culture at Play in the Social Studies Classroom*
Principal Researcher - D. Zook
- *Relevance of Off-Campus Residential Experiences to Graduate Teachers*
Principal Researchers - K. Reynolds, N. Forsberg
- *Teacher 2001 Project: The Canadian Study of Teacher Satisfaction, Motivation, and Health*
Principal Researcher - H. Ryan
- *Towards Best Practice: Supporting our Vocational Technical Education and Human Resource Development Practitioners*
Principal Researchers - R. Khalideen, A. Bockarie

Faculty of Education Newsletter

Project Advisor - M. Tymchak

Project Associate - C. Fulton, H. Salloum

Duration - Oct/03-Aug/04

The Dean's Office is sponsoring a Faculty of Education *newsletter* that will be written and published by SIDRU. The first number is due to be published in Fall/04; it is intended to be an on-going publication.

History and Background/Promotion of the Role of the Schools in Faculty

Project Advisor - M. Tymchak

Project Associate - T. Salm

Duration - Sept/03-Dec/03

SIDRU is sponsoring the publication of a research report on the historical background School^{PLUS}. The report focuses on four major movements in the development of community education in North America and Saskatchewan in the 20th century. The report, written and researched by Twyla Salm of the Faculty of Education, is scheduled for release in Fall/04, prior to the School^{PLUS} Congress.

GENERAL RESEARCH AND DEVELOPMENT ACTIVITIES

The SIDRU constitution lists several functions that are intended as a mandate for instructional research and development within Saskatchewan's educational community.

These functions include consulting and assisting in project design and evaluation; disseminating research findings through various means; facilitating cooperative research and development activity among individuals, groups, and organizations; providing opportunities for graduate student involvement; and identifying and securing funding for research and development.

Although project descriptions demonstrate unit involvement in each of these mandated functions during the past year, SIDRU has assumed a leadership role in several more broadly circumscribed areas of its mandate as follows:

- **as a provincial consulting agency for educational research design and methodology.**

During 2003 to 2004, SIDRU continued to provide consulting services to faculty members, graduate students, school divisions, and government departments. SIDRU staff have also responded to requests from contract researchers for assistance with budget development, specification of research parameters, and grant application analysis. We continue to develop high-quality editing and word processing capabilities.

The SIDRU Seminar Series provided weekly seminars focusing on research and development issues at all educational levels during both academic semesters as noted below. Graduate students, faculty, many members of Saskatchewan's educational community, and a number of guest speakers provided an excellent array of topics for participants.

SIDRU Seminar Series

September - November 2003^a

Science/IT Education and Aboriginal Students

H. Michell, First Nations University of Canada;

A. Couros, W. Wessel, Faculty of Education

New Urban Education Model (Pilot for Albert and Scott Schools)

K. Goodwill, Elder; S. Agecutay; I. O'Watch; S. Poitras

First Nations/Métis Urban Partnership

New Memorandum of Understanding Between

SaskLearning and FSIN: Impact on Education

G. Mehlmann, Saskatchewan Learning; D. Starr-Spaeth,

Federation of Saskatchewan Indian Nations

Researching Traditional Ecological Knowledge

N. Witt, Faculty of Education

Twentieth Anniversaries and Legacies: Arts Education Alumni Assess the Impact of their Education

M. Cherland, Faculty of Education

First Nations University of Canada, Education Department: What's New?

L. Goulet, A. Weenie, S. Farrell-Racette

First Nations University of Canada

^aA total of 163 people attended.

Rural Education: Small Schools Network: What's the Latest Research in Program Delivery?

J. Gunningham, Researcher, Saskatchewan School Trustees Association

Students Diagnosed with Bipolar Disorder at the University of Regina

K. Reynolds, Faculty of Education

Saskatchewan Learning Presentation on Rural Education

W. Back, Saskatchewan Learning

Arts Education: Yesterday, Today, and Tomorrow

M. Cherland, A. Kipling Brown, d. patterson, N. Yakel, Faculty of Education

Overview of Teacher Research in Rural and Northern Saskatchewan

V. Gallén, Dr. Stirling McDowell Foundation, Saskatchewan Teachers' Federation

January – March 2004^b

Advocacy Research for Social Justice: Seeking the Higher Ground

M. Cherland, Faculty of Education

Education and Industry

C. Pura, Executive Director
Saskatchewan Labour Force Development Board

The New International Office

A. Boutet, Director, International Office

Working with English as a Second Language Students in the Classroom

CANCELLED

Making Changes in Education: The China Project

G. Pickard, R. Dolmage, Faculty of Education

The Hows and Wheres of Publishing

D. Common, P. Hart, W. Hurren, C. Schick
Faculty of Education

Education and Nation Building

L. Comeau, Faculty of Education

Contemporary Thoughts and Direction for Arts Education

M. Cherland, A. Kipling Brown, d. patterson, N. Yakel, Faculty of Education

My Research While on Sabbatical in Africa

L. Cooper, Faculty of Education

Minority Language Rights

CANCELLED

Aboriginal Initiatives in Education

Maureen Simpson, Saskatchewan Learning

- **as a publishing house for educational research and development in Saskatchewan and beyond.**

SIDRU has established a reputation for high-quality publishing. We have the technology and the staff to desktop publish at reasonable cost. This quality is evident in the *Diversity Series*; the *Instructional Strategies Series*; *Gateways to Knowledge: Locating, Assessing and Using On-line Information* (SIDRU/SPDU); *A Toolkit for Teachers: Using Technology to Communicate and Share Learning* (SPDU/SIDRU); and other research reports such as:

- *School^{PLUS}: A Vision for Children and Youth*
- *Reflection and Renewal: An Evaluation of the AGREEMENT with Respect to Mi'kmaw Education in Nova Scotia*
- *Transdisciplinary Studies: Borders, Boundaries and Beyond*
- *A Shifting Landscape: Integrating Information Communications Technologies Into a Faculty of Education.*

- **as a center for instruction and instructional development and research.**

As intended in our original mandate, SIDRU has become a recognized center of instructional development and research within Saskatchewan and western Canada.

^b A total of 134 people attended.

SIDRU Publication List

Instructional Technology

- 1 *Gateways to Knowledge: Locating, Assessing and Using On-line Information*
SIDRU/SPDU (2002) \$18.19 (includes taxes)
- 2 *A Toolkit for Teachers: Using Technology to Communicate and Share Learning*
SPDU/SIDRU (2003) \$18.19 (includes taxes)

Diversity in the Classroom Series

- 1 *Honouring Diversity in the Classroom: Challenges and Reflections*
SPDU/SIDRU (1996)
- 2 *Multicultural Connections: Exploring Strategies and Issues*
SIDRU/SPDU (1996)
- 3 *Growing Stronger: Teaching and Learning Responsibility*
SPDU/SIDRU (1996)
- 4 *Planning Together: Positive Classroom Environments*
SIDRU/SPDU (1996)
- 5 *Aboriginal Cultures and Perspectives: Making a Difference in the Classroom*
SPDU/SIDRU (1997)
- 6 *A Voice for all Students: Realizing Gender Equity in Schools*
SIDRU/SPDU (1996)
- 7 *Creating an Inclusive Classroom: Integrating Students With Special Needs*
SPDU/SIDRU (1996)

Multi-Level Document

Learning Together in Multi-level Classrooms
SIDRU/SPDU (1997)

Instructional Strategies Series

- 1 *This is a YES: Concept Attainment.**
SPDU/SIDRU (1991)
- 2 *What Would You Do? Inquiry in the Classroom.**
SIDRU/SPDU (1991)
- 3 *Glad You Asked That! Questioning in the Classroom.** SIDRU/SPDU (1991)

- 4 *Planning Adventures: Synectics.**
SPDU/SIDRU (1991)
- 5 *Opening the Door to Cooperative Learning.**
SPDU/SIDRU (1991)
- 6 *Think About It. Critical and Creative Thinking in the Classroom.** SIDRU/SPDU (1992)
- 7 *Something for Everyone: Ideas for Individualizing in the Classroom.** SPDU/SIDRU (1992)
- 8 *Where Did You Find That? Resource-Based Learning.* SIDRU/SPDU (1992)
- 9 *Can We Talk? Effective Lecturing in the Classroom.**
SIDRU/SPDU (1992)
- 10 *Picture Peer Partner Learning.**
SPDU/SIDRU (1993)
- 11 *Reflective Teaching.** SIDRU/SPDU (1993)
- 12 *Focused Imaging.** SPDU/SIDRU (1993)
- 13 *Connecting: Getting It Together.*
SIDRU/SPDU (1993)
- 14 *Centred on Students: Stations, Packages, Centres.**
SPDU/SIDRU (1993)
- 15 *Tell Me a Story! Narrative in the Classroom.*
SIDRU/SPDU (1993)
- 16 *A Slice of Reality Through Games, Role Play and Simulation.* SPDU/SIDRU (1993)
- 17 *Resolving Mysteries: A Guide to Creative Problem Solving.* SIDRU/SPDU (1994)
- 18 *Integrating the Pieces.* SPDU/SIDRU (1994)

*Also available in French.

Note. The above documents are available through SIDRU, Faculty of Education.

If you are interested in obtaining any of these documents, please call the SIDRU office at 585-5142.

APPENDIX

Summary of Project Funds 2003-2004

SASKATCHEWAN INSTRUCTIONAL DEVELOPMENT & RESEARCH UNIT

Summary of Project Funds

2003-2004

Projects	Duration		Funding Agency(ies)	
	Start	End		
Active:				
Early Childhood Learning & Care	Apr/04	July/04	Saskatchewan Community Resources and Employment, SaskLearning	
Yorkton KidsFirst Program	Apr/04	Oct/04	Yorkton KidsFirst Program, Sunrise Health Region	
Climate Change Education Saskatchewan	Oct/02	Sept/04	Climate Change Action Fund (Gov't of Canada), SaskEnergy, SaskPower, Gov't of SK (Sask Environment, Sask Learning, Sask Industry & Resources, Sask Watershed Authority), STF, SSTS, Sask Outdoor & Environ Ed Assoc. SEEDS Fnd	
Treaty Resource Kit Effectiveness	Mar/03	June/04	Office of the Treaty Commissioner	
School ^{PLUS} Leadership Consortium	Jan/04	Dec/04	Gov't of Sask, SK Learning, SSBA, STF, SSTA, Univ. of Saskatchewan	
School ^{PLUS} Congress	Jan/04	Dec/04	Sponsors: Faculty of Education, Faculty of Social Work, SIDRU	
Longitudinal Pre-Kindergarten Research Project – Yr 4		2003 – 2004 School Year	Regina School Division, No. 4	
SIASST Certificate	Nov/03	Aug/04	SIASST	
SUB-TOTAL Funding Committed for Active Projects				\$448,257.00
Enabling Contracts:				
		ongoing	Sask Learning	\$155,051.00
SUB-TOTAL Funding Committed for Enabling Contracts				\$155,051.00
Faculty Services:				
PDF and General Research	Nov/94	ongoing	Faculty of Education, U of R	\$10,000.00
Academic Journals	Sept/95	ongoing	Faculty of Education, U of R	unfunded
Newsletter	Oct/03	Apr/04	Faculty of Education, U of R	4000.00
Education Graduate Survey	Year	2003	Faculty of Education, U of R	1200.00
French Education Research	Apr/93	ongoing	Bac Program, Fac of Education, U of R	66,364.48
SUB-TOTAL Funding Committed for Faculty Services				\$81,564.48

Projects	Duration		Funding Agency(ies)
	Start	End	
Completed:			
Climate Change Saskatchewan (Public Education & Outreach Hub)	Nov/02	Mar/04	Climate Change Action Fund (Gov't of Canada), Gov't of Sask (Sask Envir, Sask Indust & Resources)
iTeacher Education	Sept/02	Mar/04	Industry Canada
A Proposal for an Evaluation Study of Two Pilot Projects: First Nations Network of Innovative Schools and First Nations GrassRoots Program (SchoolNet E-Learning Programs)	Sept/03	Mar/04	Industry Canada
The Mi'kmaq Education Evaluation Project	July/03	Dec/03	Mi'Kmaq Kina'matnewey & the Department of Indian and Northern Affairs Canada
Community Needs Assessment: Albert & Scott Schools	Jan/03	May/03	Regina School Division, No. 4
SUB-TOTAL Funding Committed for Completed Projects			\$524,158.99
TOTAL CONTRACT MONIES*			\$1,209,031.47

* Includes full contract monies (not this budget year only). These monies are not pro-rated over the life of the contract. Budget life of many projects, both active and completed, runs over several budget years.