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December 3, 1992

University of North Dakota

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Minutes of the University Senate Meeting

December 3, 1992

1.

The December meeting of the University Senate was held at 4:05 p.m. on Thursday, December 3, 1992, in room 7, Gamble Hall. Dean Engel presided.

2.

The following members of the Senate were present:

Aman, Terry	Harris, Mary	Naismith, Donald P.
Antes, James R.	Hein, David W.	Nielsen, Monty E.
Baker, Kendall L.	Heitkamp, Thomasine	O'Kelly, Bernard
Beiswenger, Lyle	Henricksen, Mogens	Odegard, John
Berg, Mark	Hess, Carla Wulff	Olson, Bette
Blount, Grady H.	Hume, Wendelin	Owens, Thomas C.
Bostrom, A. Joy	Jacobsen, Bruce	Parker, Melissa
Boyd, Robert	Jago, Karen	Radonovich, Lewis
D'Andraia, Frank	Johnson, A. William	Rankin, Elizabeth
DeRemer, E. Dale	Kantrud, H. Alan	Retzlaff, Cory
Effertz, Maria	Kemper, Gene A.	Salzwedel, Tom
Elsinga, Lillian	Knudson, Kari	Sanborn, Patricia
Engel, Dean C.	Knull, Harvey R.	Schneider, Mary Jane
Fivizzani, Albert J.	Kweit, Mary	Schubert, George W.
Fredricks, Nicole	Lindholm, Lynn M.	Swisher, Wayne
Fuller, Mary Lou	Ludtke, Richard	Vickrey, Barry
Gabrynowicz, Joanne	McElroy-Edwards, Jackie	Wilde, Harold H.
Gard, Betty	Merrill, Lois J.	Wilsnack, Sharon C.
Grabe, Mark D.	Miller, Donald	Winrich, Lonny
Hamerlik, Gerald	Moen, Janet Kelly	
Hampsten, Elizabeth	Munski, Douglas C.	

The following members of the Senate were absent:

Dahl Ivan	Hoffarth, Al	Phillips, Monte L.
Davey, Whitney	James, Edwin C.	Postovit, Jana
Davis, W. Jeremy	Kovar, Rachel	Schmitt, Sue
Gershman, Kathleen	Lang, Gretchen Chesley	Slotnick, Henry B.
Gott, Gary	Lawrence, W. Fred	Wilhelmi, Ryan
Hanhan, Sara	Lee, Randy H.	Williams, John A.
Henry, Gordon H.	Lewis, Robert W.	
Hill, Richard L.	Oksendahl, Dave	

3.

The Chair made the following announcements: 1) A moment of silence was held for University Professor and Academic Vice President Emeritus, William Koenker, who died November 16, 1992. He was the University's first Vice President for Academic Affairs. 2) President Baker has agreed to speak to questions about the

Technology Research Center during the question period at the February 4 Senate meeting. 3) An interim report from the ad hoc committee on the faculty club was received from Dee Watson, Chair, which covered the status of the treasury, administrative arrangements for access and maintenance, a meeting arranged in December with President Baker to discuss the future of the club, and a plan to conduct a faculty survey. 4) The Faculty Rights Committee has not yet completed procedures to use in determining whether or not an issue involves faculty rights. The committee will report at a later Senate meeting. 5) The Chair asked Tom Owens, Chair of the VPAA Search Committee, to give a brief report on the activity of the committee. Mr. Owens reported that the first meeting of the 16 member committee was held on October 29 and the most recent one on December 2. Ads appeared in the Chronicle on November 18 and December 2 and will also be appearing in other publications. Applications will be received until the position is filled but those received by January 29 will receive full consideration. He invited everyone to submit nominations by contacting him or any other member of the committee. 6) The Chair asked Mr. Kemper to give a brief update regarding the report of the Recruitment, Retention and Reward Committee and on Faculty Roles and Rewards. Mr. Kemper said that the report revisited the roles of faculty and faculty accountability and in order to engage the faculty in this activity three members would be sent to the AAHE national discussion on Faculty Roles and Reward to be held late in January. Nominations of faculty to attend this discussion have been requested from the Council of Deans and the Senate Executive Committee. These faculty will be expected to lead the campus in discussion of issues. 7) A January Senate meeting is not planned unless circumstances dictate a need. 8) The Council of College Faculties met on IVN this past week and discussed faculty evaluation and roles. The faculty also discussed the administrative consolidation of NDSU and Bottineau and also Mayville and Valley City.

4.

The Chair asked if there were corrections to the minutes of the November meeting. Mr. Winrich moved approval of the minutes and Mr. Salzwedel seconded. There being no objection, the minutes were declared approved as distributed.

5.

The Chair called for the Question Period. Ms. Sanborn voiced a concern regarding the notice in the University Letter and materials distributed by University Advancement inviting personnel to show support for the proposed Events Center. President Baker responded that the intent of the notice was to promote cooperation between the University and the community and to inform University personnel of the positive aspects of the Events Center.

6.

The annual report of the Library Committee was considered. Mr. Munski moved the report be received. Mr. Schubert seconded the motion which was voted upon and carried unanimously.

7.

Mr. Nielsen presented the tentative list of Candidates for Degrees in December 1992, and moved that the list be approved for recommendation to the State Board

of Higher Education for the awarding of the degrees indicated, upon satisfactory completion of the work of the present semester. Ms. Hess seconded the motion which was voted upon and carried unanimously.

8.

Robert Kweit, Chair of the Admissions Committee, presented the following recommendations for changes in the Admissions Policy:

- 1) Under exemption categories 1.C, the words "Native American" to be changed to "American Indian."
- 2) Under exemption categories, to add category F. "Individuals ranking in the upper 1/2 of their graduating class."

The committee also recommends a change to the Appeals Process so the last paragraph reads as follows:

"A three-person subcommittee of UAC will act upon appeals in a timely manner. A representative of the Student Affairs area may attend the proceedings as a non-voting advocate for any student."

Ms. Elsinga moved approval of the recommendations and Mr. Munski seconded the motion. Discussion followed. Mr. O'Kelly moved to amend the motion by changing, "Individuals ranking in the upper 1/2 of their graduating class," to "Individuals with a high rank in their high school graduating class." Mr. Baker seconded the motion and discussion continued. The motion to amend was voted upon and carried by a vote of 55 for, 2 against and 3 abstaining. The original motion, as amended, was voted upon and carried by a vote of 58 for and 2 abstaining.

9.

Ms. Parker, Co-Chair of the Curriculum Committee, presented the report of the Curriculum Committee and moved approval of the minor in Special Education. Mr. Munski seconded the motion which was voted upon and carried by a vote of 59 for and 1 abstaining.

Ms. Parker moved approval of all new courses with the exception of those in Meteorology. Ms. Jacobsen seconded the motion which was voted upon and carried by a vote of 59 for and 1 abstaining.

Ms. Parker moved approval of the new program, M.S. in Atmospheric Sciences, and the new courses in Meteorology. Mr. Blount seconded the motion. Discussion followed. The Chair recognized faculty members from the Center of Aerospace Sciences to speak to the motion. Discussion continued. The motion was voted upon and carried by a vote of 51 for, 2 against and 5 abstaining.

Ms. Parker moved the termination of two programs,

- B.S. Ed. with major in Elementary/Special Education Double Major and
- B.S. Ed. with major in Secondary/ Special Education Double Major.

Mr. Jacobsen seconded the motion which was voted upon and carried by a vote of 51 for and 2 abstaining.

Ms. Parker moved approval to delete the following courses:

CTL 483	Practicum Methods for the Trainable Retarded	3 cr.
CTL 575A	The Emotionally Disturbed Child	3 cr.
CTL 575B	Education of the Emotionally Disturbed	3 cr.
Math 492	Reading Course in Mathematics	1-3 cr.

Mr. Johnson seconded the motion which was voted upon and carried by a vote of 49 for and 2 abstaining.

10.

Mr. Hamerlik moved to adjourn. There being no objection, the meeting adjourned at 5:25 p.m.

Monty Nielsen
Secretary

University Library Committee

Annual Report to the University Senate

for

1991-1992

Library Committee Charge: Advises on administration of library services; reports on library needs, especially financial and services; and allocates funds to academic departments for library purchases.

Members of the 1991-92 University Library Committee were Fikret Ceyhun (Economics), Siegfried Detke (Biochemistry), Graeme Dewar (Physics), Kenneth Hall (Languages), Andre Lebugle (Languages), David Nelson (Languages), Gary Towne (Music), John Vitton (Management), and Lonny Winrich (Computer Science). Student members of the committee were Kelli Powers and Anne Knipe. Frank D'Andraia, Director of the Libraries, was an ex-officio member and Graeme Dewar served as chair. The committee met four times during the year.

"The University Library Committee affirms the centrality of the library to all the academic missions of the University. A well-organized, adequately-funded library is a fundamental resource for the teaching and research needs of faculty and the study needs of students in all departments; the facility serves the citizens of North Dakota, whose geographic isolation gives added urgency to the need for an excellent library."¹

Most of the committee's time was spent on financial matters; our concerns are outlined below. The committee completed its charge from the President to submit two planning documents regarding the library for the "STRATEGIC PLAN" (sic) called "IMPLEMENTATION OF STRATEGIES FOR THE 90'S". The final document was submitted November 2, 1991. Much of the remainder of the time was spent on library service and policy matters. The committee provided input to the Presidential Search Committee. Also, we sent a memo to the Faculty Instructional Development Committee requesting that scholarly books purchased by that committee become part of the library collection and not the personal property of individual faculty members.

¹ From the 1990-91 Library Committee's contribution to "IMPLEMENTATION OF STRATEGIES FOR THE 90'S", Dec. 29, 1990.

In 1989-90 this committee undertook an evaluation of our library. They found that we had 55% of the books required to support the academic endeavors of a university the size of UND. Further, our library expenditures on books and periodicals ranked near the bottom in two different sets of peer groups. In short, the library was chronically underfunded. This committee concluded:

- "1. UND does not support university libraries with the same level of resources relative to the total budget of the university as do other peer institutions.
- "2. The level of support afforded university libraries at UND is apparently eroding relative to other universities in the region and UND's ranking among these universities has decreased.
- "3. The current university collection is inadequate for the programmatic needs of UND and does not provide necessary support for planned expansions in research and development activity.
- "4. The periodical subscriptions at UND have not kept pace with the development of academic programs and are weak in several areas.
- "5. Accreditation of several academic programs may be in jeopardy due in part to inadequate library resources.
- "6. Each academic program, and each new academic program, places an incremental demand on library resources."

The 1989-90 Library Committee made five specific recommendations to improve the deplorable status of the library. This committee² has distilled these recommendations to the:

- "1. Approximate doubling of the total annual acquisition budget (including books, periodicals, and electronic media) from \$956,366 to \$2,000,000.
- "2. Increase of salary budgets by 25%, from \$720,079 to \$878,000, in order to provide adequate support staff (at a ratio of 2:1) for the 17 librarians."

Note that the doubling of the acquisition budget will put UND at approximately the 75th percentile ranking of the 11 non-ARL libraries in the peer group of institutions often used for such comparisons. (This is one of the peer groups considered by the 1989-90 Library Committee and Vice President Clark gave information on this group to state legislators during the September 20, 1990 Legislative Tour of UND.) At present, the \$79 per student spent on materials expenses is the *lowest* of

² From the 1991-92 Library Committee's contribution to "IMPLEMENTATION OF STRATEGIES FOR THE 90'S", Nov. 2, 1991.

all 11 institutions. The average for the other ten universities is \$156 per student. See the tables at the end of this report.

A comparison of UND's library and library budget to NDSU's demonstrates how poorly our library has fared compared to NDSU. Although NDSU has less than 75% the enrollment of UND, the total library budget for NDSU is more than 15% larger than UND's. NDSU spends \$115 per student on material expenses. See the attached tables.

This committee has recommended³ that the increase in the library's funding come from:

Library Fund-Raising Programs	\$ 50,000
Institutional Funding	650,000
Income from Alumni Endowment Fund	500,000
TOTAL	\$1,200,000

In identifying sources of this additional funding, this committee wrote:

"While somewhere between \$10,000 and \$50,000 per year of the above funding can be raised by the library itself, the committee calls upon the Administration, Alumni Association and the Board of Higher Education for the remainder of the urgently needed funding for the UND Library. Specifically, the committee recommends substantial increases in programmatic funding for the library as well as the establishment through the Alumni Association of an endowment fund for support of library collection development, with a minimum income goal of \$500,000 per year. Such endowments are common means of support for university libraries throughout the nation, and they offer alumni a chance to make gifts of permanent usefulness. Moreover, no large-scale program of this type has yet been undertaken at UND, so this is a great opportunity to broaden the appeal of alumni fund-raising."

There has been significant improvement in the library in the last year, although severe underfunding continues. The Director of Libraries has moved to implement a recommendation of the 1989-90 Library Committee to bring all the branch libraries under professional library management. A patent depository has been added to the library and various on-line electronic databases have been user tested. The Director has also fostered a change in the library's culture whereby grant proposal writing has become an important activity. This has recently resulted in 4 proposals being submitted and so far 3 have been funded.

Other changes at the library include the installation of a security system, renovation of the Main Reading Room, the imposition of fees for non-affiliated borrowers

³ *Ibid.*

and an effort to raise funds through the sale of bookmarks. Several staff development projects are underway and the library is involved in the long distance learning project. The library has initiated the Merrifield Competition to foster recognition of the library's special collections.

The library's budget faces distressing pressures in the near future. Subscription costs for periodicals has been rising (10% to 20% per year) much faster than inflation, especially for foreign publications. The base budget has been static for the last four years. At this rate, within two years there will be no funds at all for book purchases. The number of subscriptions will have to be deeply pruned *and* new funds will have to be found. This erosion of the library's acquisitions, coupled with the inadequate holdings, could be a problem with the North Central Accreditation Committee due to visit soon.

One means of alleviating the inevitable decrease in the number of periodical subscriptions is to improve access to electronic information services. This does not decrease the need for an adequate core collection: a computer terminal is not a library. However, commercial information services do provide access to less common journals in an economic manner. With the minimum cost of an interlibrary loan at \$7.50 and the typical cost of a journal article from an information service in the \$7 to \$10 range, any effort to treat the library as a "gateway" to a regional library system will require substantial new funds.

The economic climate in the country is bleak and nationwide public universities are facing budget reductions. One frequently hears cries of anguish from sister institutions which are facing sever budget cuts. UND has endured a decade of lean budgets and from our perspective others' severely cut budgets seem more than ample. We request that the Faculty Senate work with the administration to make the needs of the library known to the legislature in the upcoming budgeting process.

² From the 1991-92 Library Committee's contribution to "IMPLEMENTATION OF STRATEGIES FOR THE 90'S", Nov. 2, 1991.

LIBRARY STATISTICS FOR UND'S PEERS¹

University	State Pop. (Rank) ²	No. of Students	Library expenditures			Holdings ³ (Bk. Vols.)	Mat. Exp. ⁴ per student
			Mat. Exp.	Books	Per.		
University of Alaska Fairbanks	570,000 (#49)	4836	\$1,052,098	\$435,647	\$533,320	631,690	\$218
University of Idaho Moscow	1,039,000 (#42)	9032	1,200,000	N/A	N/A	861,000	133
University of Maine Orono	1,235,000 (#39)	11,000	1,858,675	546,000	1,028,000	730,000	169
University of Montana Missoula	808,000 (#44)	10,050	995,601	152,977	534,003	598,501	99
University of Nevada Las Vegas	1,284,000 (#38)	12,141	1,722,038	621,615	778,210	599,468	142
Univ. of New Hampshire Durham	1,105,000 (#41)	13,308	1,521,298	357,879	1,163,419	962,499	114
Univ. of North Dakota Grand Forks	635,000 (#47)	12,321	969,204	330,838	625,528	554,368	79
Univ. of Rhode Island Kingston	1,004,000 (#43)	12,394 ⁵	1,978,000	477,000	1,254,000	985,507	160
Univ. of South Dakota Vermillion	703,000 (#45)	6001	733,910	241,699	474,509	415,420	122
University of Vermont Burlington	567,000 (#50)	11,287	1,877,398	666,797	929,497	938,044	166
University of Wyoming Laramie	460,000 (#51)	12,431	2,918,883	1,103,440	1,427,995	978,388	235

LIBRARY BUDGET: NDSU vs UND ⁶		
Library Income		
Source	NDSU	UND
Federal	\$0	\$93,690
State	2,232,271	1,740,015
Fees	116,044	0
Private	0	166,765
Total	2,348,315	2,000,470
Library Expenditures		
Category	NDSU	UND
Personnel	\$905,828	\$778,372
Work Study	24,415	93,690
Services	203,819	62,891
Books	252,373	330,838
Periodicals	672,679	625,528
Supplies	70,476	45,129
Equipment	41,008	51,184
Other	159,140	12,838
Total	2,362,190	2,000,470

LIBRARY COMPARISON: NDSU vs UND

Library Acquisitions and Holdings¹

Category	NDSU	UND
Books	428,203	554,368
Book purchases	\$252,373	\$330,838
Books Added ⁶	7,193	5,786
Periodicals	\$672,679	\$625,528
Bound Vols. Added ⁶	2,773	2,234
Material Expenses	\$1,010,073	\$969,204
Total Expenditures ⁶	\$2,362,190	\$2,000,470

Library Staff⁷

Category	NDSU	UND
Professional	15	17
Support	30	21
Student	105	20
FTE	45	38

Per Student Comparisons

Category	NDSU	UND
Enrollment ¹	8780	12,321
Books per Student	49	45
Mat. Exp. per Stud.	\$115	\$79
Tot. Exp. per Stud.	\$269	\$162
Stud. per FTE	195	324

FOOTNOTES FOR TABLES

- ¹ Unless otherwise noted, the data in this table are from the *American Library Directory, 1991-92*, 44th ed., published by R.R. Bouker. The data are for the 1989-90 academic year. Law and medical libraries are excluded from the data quoted here.
- ² State population, and rank among the 50 states and the District of Columbia, are from the *Chronicle of Higher Education Almanac*, No. 26, August 1992. These population figures are for 1990.
- ³ Holdings include books and momographs but exclude bound periodicals.
- ⁴ Material expenses per student were calculated from the third and fourth columns of this table.
- ⁵ This datum is from the *1992 Higher Education Directory*, edited by Mary Pat Rodenhouse and published by Higher Education Publications, Inc., 1992.
- ⁶ From *North Dakota Library Statistics (Fiscal Year 1990)*, published by the North Dakota State Library.
- ⁷ *American Library Directory, 1992-93*, 45th ed.

Category	NDSD	NDSD
Books per Student	19	19
Mat. Exp. per Stud.	\$115	\$115
Tot. Exp. per Stud.	\$200	\$200
Stud. per FTE	195	195

NAME
 Shawn Thomas Aaker (B S I T)
 Roxanne Florence Aasen (B S ED)
 James Stewart Abbott (M A)
 David Kent Aichele (B S)
 Amy Lohman Aiken (B S ED)
 Alan Ray Albrecht (B S M E)
 Angella Dawn Albright (B S O T)
 Armando Alejandro (B A)
 Monte R. Allen (B B A)
 Nathan P. Alm (B A)
 Nathan P. Alm (B S A S)
 Matthew Lyle Amundson (B S AWS)
 Aden Lyle Anderson (B S)
 Christopher Lyle Anderson (M S)
 Jeffrey Myren Anderson (B S ED)
 Leslie Kay Anderson (B A)
 Matthew Eric Anderson (B S)
 Noreen Louise Anderson (B S S W)
 Renee Rayann Anderson (M S)
 Steven Gerald Anderson (M S)
 Troy Lee Anderson (B B A)
 Jami Leinen Andes (B S N)
 Alicia Jo Andrews (B S N)
 Kevin Thomas Andring (B S P A)
 Heather Susan Arman (B A)
 Sheila Ann Arman (B S ED)
 Mark Anthony Askelson (B S M S)
 Mark Anthony Askelson (B S)
 David Eric Augdahl (B ACC)
 Bradley Delmar Bail (B S)
 Richard Thomas Baker (B B A)
 Joanne Arlene Bakken (B S N)
 Mark Allen Bakken (B S)
 Raelene Ann Bakken (B B A)
 Richard D. Balsley (ED D)
 Brandon Thomas Bang (B B A)
 Elbert Samuel Barker III (M A)
 Elizabeth Anne Barnes (B S)
 Jimmy R. Baumgartner (B B A)
 Sherri Lee Baumgartner (B A)
 David Jay Beaver (B B A)
 Denise Ranae Becker (B B A)
 Jeffrey Scott Beckstrom (B ACC)
 Leann Lynn Bender (B S M T)
 Paula J. Bercier (M D)
 Roger K. Berg (B S C E)
 Walter Jesse Berger III (M D)
 Ann M. Berginski (B S N)
 Kirk Glenden Berglund (B S A S)
 Tonya Christine Bernard (B B A)
 Nicole Marie Berry (B ACC)
 Jessica Biel (B ACC)
 Paul Eugene Bieringer (B S M S)
 Raymond A. Birchler Jr. (B A)
 Christopher Reed Blom (B B A)
 Denise Marie Blume (B S O T)
 Allan D. Boedeker (M ED)
 Kimberly A. Boehm (B A)
 Jeffrey Thomas Boerboon (B S AWS)
 Kari Lynn Boettger (B S N)
 Scott Edward Bogan (B S A S)
 Lois Bohm (B A)
 Marlys Joy Bohn (M S)
 James Randall Bolles (B S A S)
 John Walter Bordages Jr. (PH D)
 Susan Kay Bornsen (B S S W)
 Stacy Jo Botke (B ACC)

UNIVERSITY OF NORTH DAKOTA
 DECEMBER 1992, CANDIDATES

NAME
 Heather Kristen Bradshaw (B S ED)
 Diana Mae Brandenburg (B S N)
 Nicole Diann Brang (B MUS)
 Joleen Marie Brekke Thomas (B S O T)
 Elton Brekke (B B A)
 Corey Oliver Brenden (B B A)
 Sherrie Irene Brennan (B S ED)
 Steven D. Britsch (B ACC)
 Susan Jo Brooker (B S O T)
 Christopher Claude Brown (B S A S)
 Erica Elise Brudvig (B S ED)
 Maurice Joseph Brule (B S P A)
 Maurice Joseph Brule (B S)
 Michael J. Bruzzini (B B A)
 Tami Lynn Bubendorf (B B A)
 Kristen Lynn Buchmeier (B S ED)
 Sean Lee Burian (B B A)
 Debra Ann Burley (B S R)
 Kimberly Ranae Calder (B B A)
 Anne Michelle Cameron (B S ED)
 Heather Lee Campbell (B S CJS)
 Richard John Camrud (B B A)
 Christopher M Carboneau (B S AWS)
 Russell Edward Carignan (B B A)
 Bradley Charles Carpenter (M S)
 Shannon D. Carsen (B S S W)
 Theresa L. Carter (B S R)
 Emerson Dale Case (M A)
 Jodi Lynn Castle (B B A)
 Jeffrey Thomas Caturia (B B A)
 Michelle Marie Caturia (B S A S)
 Charles Edward Chambers Jr. (M S)
 Mike James Chandler (B S E E)
 Kimberly Ann Chapman (B S O T)
 Caroline Chellappa (M S)
 Iwona Chelminski (B A)
 Brenda Sue Chilstrom (B S O T)
 Andrea Joy Chladil (B S O T)
 Patrick Andrew Chmielewski (B S I T)
 Youngjun Choi (B S)
 Sean Edward Christenson (B B A)
 Nannette L. Cicha (B S N)
 John Patrick Cina (B S A S)
 Delores Clark (M ED)
 Kelley A. Clark (B A)
 Charles David Claypool (B A)
 Tammie Faith Clifton-Byrd (B A)
 David John Coleman (B S A S)
 Myra Collette (M S)
 Allen Eugene Comeskey (M S)
 Daniel Charles Conroy (B B A)
 Scott Philip Cook (M S)
 Lori Ann Corcoran (B S ED)
 Daniel C Corson (B S AWS)
 Amanda Jane Covington (B S)
 Nancy Leigh Creps (B S O T)
 Sharon M. Curry (B S S W)
 Paul James Cwikla (B S I T)
 Natalie Ann Newton Cyphers (M S)
 John Jay Czech (B S AWS)
 Michelle K. Dacar (M ED)
 Michael W. Dahlstrom (B B A)
 Karla Marie Danielson (B S ED)
 Paula Christine Dearholt (B S N)
 Thomas Jon Deere (B S P E)
 Thomas James Defores (B S CH E)
 Mary Kay Delvo (B A)

NAME
 Michael Patrick Depuglio (M S)
 Sandra M. Deraney-Reilly (PH D)
 Marjorie A.M.D. Derock (B F A)
 Mary Kathleen Devitt (M A)
 Gurjeet Singh Dhaliwal (M S)
 Sarah Elizabeth Dicke (B S A S)
 Ellen G. Dickson (B S S W)
 Richard W. Dietz (B S)
 Wendy Elizabeth Dimartini (B A)
 Billie J. Dixon (M S)
 Valerie Lynn Dockter (B S M T)
 Carter Wayne Dokken (B ACC)
 Brian James Doll (B S AWS)
 Brenda Kay Dorsher (B S ED)
 Diane M. Drake (PH D)
 Steven Howard Drees (B S)
 Timothy Alan Duffy (B B A)
 Jamie Luann Durward (B A)
 Mark William Eagleson (B S A S)
 Carol Marie Ebertowski (B B A)
 Randal Walter Eckart (ED D)
 Clyde T. Eisenbeis (M S)
 Kevin Gene Eisenzimmer (M B A)
 Jason Paul Ekstrom (B S A S)
 Lisa Kaye Ellefson (B S N)
 Darcy Denise Ellingson (B B A)
 Leora Marie Elvrum (B S N)
 Robert Kevin Eng (B B A)
 Maureen Salo Enget (M S)
 Melissa Ann Engle (B B A)
 Steven Matthew Erhardt (B S CH E)
 Annette Louise Erickson (B S O T)
 Darrin James Erickson (B B A)
 Scott Richard Erickson (B B A)
 Stacy Lyn Erickson (B S CJS)
 George Erikson (PH D)
 Paul Gregory Espey (B S A S)
 Elizabeth Ann Essen (B B A)
 Debbie Evans (B ACC)
 Charles Thomas Ewald (M S)
 Mark Daniel Ewen (B A)
 David Edward Farley (B A)
 Richard William Faver (M A)
 Stephen Patrick Feeney (B S PE)
 Michelle Marie Fetting (B S N)
 Troy Michael Fink (B B A)
 Brenda R. Finkenbinder (M B A)
 Ralph David Fisk (B S O T)
 Marcia J. Fivizzani Brokenik (ED D)
 Jeffrey Alan Fjeld (B S CJS)
 Joan M. Fladhammer (M ED)
 Travis Dean Fletcher (B B A)
 Jennifer Lynn Fokken (B B A)
 Scott James Foltz (B S ED)
 Blaine Michael Forschen (B S CJS)
 Jon Steven Fox (M A)
 Jennifer Lynn Frandeen (B A)
 Christopher Harold Frederick (B B A)
 Lance Taylor Freier (B A)
 Terrance Hans Freije (B S FWB)
 Karla Arlene French (B S N)
 Nathan Guy French (B ACC)
 Ralph J. Fried (B S M E)
 Lisa Marie Friesz (B S ED)
 Urban W. Friesz (B ACC)
 James Andrew Froelich (B S)
 Jerilee Renee Froiland (B B A)

UNIVERSITY OF NORTH DAKOTA
 DECEMBER 1992, CANDIDATES

NAME
 Sandra Kay Gabbert (B B A)
 Jennifer Lea Gabrielson (B S CJS)
 Lisa Kay Gadoway (B S)
 Daniel C. Galles (B B A)
 Kathryn M. Galloway (M S)
 Ann Marie Gambucci (M ED)
 Teresa Lee Garrett (B S A S)
 Christina Irene Gartner (B S A S)
 Sandra Lee Gaudry (M A)
 Robyn Dee Gausvik (B B A)
 Christine Marie Geiger (B B A)
 Dara Michelle George (B A)
 Michael James Gerber (B S A S)
 Gail Adell Gerrard-Roller (B S S W)
 Maria Sue Gibson (B S O T)
 Beth Renae Gilbertson (B S N)
 Janel Lee Giles (B S)
 Michael William Gillen (B S A S)
 Kurt W. Giltner (B B A)
 Brian Curtis Glatz (B A)
 Dean Robert Goebel (M S)
 Tracy Lynn Goetz-Bergum (B S ED)
 Bruce Joseph Goetz (B B A)
 Jeffray B. Gorder (B A)
 Genise Jean Gordon (B S CJS)
 Genise Jean Gordon (B S)
 Judy Lynn Graff (B A)
 Mary Ann Graham (M S)
 Christopher Forte Grantham (B S A S)
 Patrick Charles Grass (B S ED)
 Wendi Jo Grayson (B S N)
 Kennita Michelle Green (B S ED)
 Ruth Ann Gregoire (B S ED)
 John Edward Grenier (M A)
 Shirley Vaughn Greves (M A)
 Lee Christine Griffith (B A)
 Robert Thomas Griffore Jr. (B S A S)
 Julie Dianne Grimes (B B A)
 Daniel Gene Gronhovd (B B A)
 Rosemary Alsaker Gronhovd (B A)
 Deborah Ann Grotte (B B A)
 Dwight Douglas Gudim (B B A)
 Amy Beth Gunderson (B B A)
 Shelly Renee Haase (M S)
 Darren Jay Haddeland (B S G E)
 Heidi Jo Hagen (B S O T)
 Bryan Carlin Hahn (M S)
 Joel B. Halbritter (M S)
 Theresa Ann Hambek (B S O T)
 Melinda Lee Hanson (B A)
 Patricia Kay Hanson (B B A)
 Candace Dee Harron (B A)
 Paul Douglas Harron (B S CJS)
 Rebecca Pine Hecht (B B A)
 Michael Scott Hedlund (B S ED)
 Kay Ann Hegge (B B A)
 Scott Grayson Hegrenes (M S)
 Holly Jean Hegstad (B S)
 Karla Rae Ann Heisler (B S N)
 Eric Lee Hellekson (B S CJS)
 Dean Warren Helstrom (B S A S)
 Dean Warren Helstrom (B S)
 Kimberly Kay Helt (B S ED)
 Michael Edward Herbeck (B S I T)
 Stacey Marie Herman (B S)
 Krista Susanne Hesby (B S ED)
 Ronald Gerhard Hesse (M A)
 Chad Kenneth Hesterman (B S A S)

NAME
 Bethany Dawn Hetland (B ACC)
 Bradley Robert Hetland (B ACC)
 Marci Marie Heyer (B ACC)
 Peter Grey Hill Jr. (B S A S)
 Tammi Jo Hoeger (B S ED)
 Nancy Ann Hoffman (B S ED)
 David R. Hoffmann (B B A)
 Cindy Marie Hoggarth (B B A)
 Douglas Harold Holden (M A)
 Mary Kathleen Holton (B S ED)
 Lori J. Holtz (M B A)
 Marcia Sue Holweger (B S O T)
 Richelle Leann Horsley (B S CJS)
 Dawn Marie Hoskins (B S N)
 Karina Lynn Hou (B A)
 Steven Dean Howde (B A)
 Lance David Howland (B S E E)
 Leeah A. Howard (B B A)
 Paula Dee Huber (B S O T)
 Kenneth David Huff (PH D)
 Roger Alan Huggins (B S M E)
 Joline Denise Hughes (B ACC)
 Paul Eric Hull (B S A S)
 Barton Sander Hummer (B S A S)
 Benjamin Thomas Humphrey (B S AWS)
 Paul George Hutton (B S A S)
 Stacie Lynn Iken (B S O T)
 Scott Michael Immel (B A)
 Tanya Marie Ingstad (B A)
 Kevin Michael Inkman (B S A S)
 Kimberly Michelle Inkman (B A)
 Richard Todd Innes (B B A)
 Susan Diane Iverson (B B A)
 Ruth Eileen Jacobson (A A)
 Marie Celestia James (B ACC)
 Tony Curt Janu (B B A)
 Holly Ann Jardine (B A)
 Jeralyn Jo Jargo (M S)
 Daniel Scott Jechort (B S S W)
 Gary Duane Jensen (B S A S)
 Susan Pauline Jensen (B S O T)
 Annmarie Julie Jirik (B S O T)
 Claudia Odne Johannesson (M ED)
 Erik Joseph Johnson (B B A)
 Glenn Edward Johnson (B B A)
 Jay William Johnson (B B A)
 Leah Marie Johnson (B S ED)
 Les C. Johnson (M B A)
 Lisa Jane Johnson (B A)
 Nicole Marie Johnson (B S O T)
 Peggy Lee Johnson (M A)
 Richard D. Johnson (B S ED)
 Ronald Patrick Johnson (B B A)
 Steven Scott Johnson (M ED)
 Sue Marie Johnson (B B A)
 Jeffrey Allan Johnston (B S AWS)
 Jenney Lyn Johnston (B S ED)
 Troy Johnston (B B A)
 Wendy Sue Johnston (B S N)
 Mark Daniel Jones (B S A S)
 Mary G. Joseph (B B A)
 Maia Leana Jourdan (M A)
 Virginia Rae Julson (B S ED)
 John Michael Jung (B S A S)
 David Michael Jurva (B S A S)
 Christopher John Kadmas (B S O T)
 Paul Nathan Kadmas (B A)
 Paul Nathan Kadmas (B B A)

NAME
 Sherre Clydell Kaelberer (B B A)
 Kay Lynn Kainz (B S ED)
 Roberta Ann Kallock (B S N)
 Rose M. Keeley (M S)
 Aaron Patrick Keenan (B S A S)
 Steven Kent Keller (B S A S)
 Joellen Kemp (M A)
 Christopher Sean Kendrick (B B A)
 Roxanne Marie Kersten (B S N)
 Anne Denise Kessel (B S N)
 Mary Pat Kessel (B S O T)
 David Allen Kiecker (B S AWS)
 Michael Allen Kilanowski (B S A S)
 Susan Gale Kilde (B S M T)
 Christopher Robert Kirchoff (B S A S)
 Staci Kay Kirk (B A)
 Daniel Barber Kjellgren (B B A)
 Arlen Robert Klamm (B S O T)
 Paul Edward Klein (B S N)
 Thomas Gerard Klein (B S)
 Vera Leigh Kleven (B A)
 Marilyn Gwen Klug (M S)
 William Ladd Knotek (B S FWB)
 David Lee Knudsen (B S)
 Jennifer Lynn Knutson (B S ED)
 Karla L. Knutson (B S O T)
 Carmel Ann Koep (B S N)
 Kari L. Kolstoe (M ED)
 Lingbu Kong (M S)
 Margaret Mary Kotek (M S)
 Deborah Jean Kottsick (B MUS)
 Jennifer Marie Kovar (B S N)
 Cordell Lee Kracht (B B A)
 Elizabeth Ann Krembs (B A)
 Kathryn Elizabeth Kuchera (B A)
 Kathleen Marie Kuhler (PH D)
 William Harold Kuhlmann (B S C E)
 James Byron Kuhn (B B A)
 Stacy Marie Kuhn (B ACC)
 Stephan Paul Kulzer (B S O T)
 Mieko Kurihara (M P A)
 Tes Michell Kurtz (B A)
 Carol H. Kuznia (B B A)
 William Fredrick Kwaak Jr. (B S A S)
 Thomas Patrick Laberge (B S)
 Kerri J. Lamberty (PH D)
 David William Landis (B S A S)
 Collette Landsberger (B A)
 Camala Sue Lane (B B A)
 David Dean Lang (B S A S)
 Sean Ronald Laplant (B S A S)
 Nancy Ellen Laronde (B S O T)
 Gary Lee Larson (M B A)
 Harold King Larson (ED D)
 Jeffrey Keith Larson (B S A S)
 Jennifer Kay Larson (B S O T)
 John Wallace Larson (B A)
 Lorilynn Violet Lauckner (B A)
 David Allen Laughridge (B B A)
 Dawn Michelle Laughridge (B S CJS)
 Randell Scott Laurin (B B A)
 Suzette Mae Laurin (B S ED)
 Hope Marie Lawlar (B B A)
 Joseph Christopher Lech (B B A)
 Darren Kirk Lehmann (B S CH E)
 Helen Mary Lehmann (B S ED)
 Charles Weston Leidholdt (M ENGR)
 Les Andrew Leier (B S A S)

UNIVERSITY OF NORTH DAKOTA
DECEMBER 1992, CANDIDATES

NAME	NAME	NAME
Michelle Jan Leier (B S N)	Todd Patrick Mortenson (B S A S)	Hal M. Propp (M S)
Leann Marie Lerud (B A)	Anthony John Morton (B S)	Jeffrey Neal Pruitt (M S)
Jennifer Lynn Lies (B S N)	Trudi Lajeon Mosteller (B B A)	Lori Ann Pull (B S ED)
David Dale Liesch (B A)	Deborah Kay Mottter (B S N)	Amy S. Rademacher (B S N)
Becky Kay Lillie (B A)	Stephannie R. Motuz (M S)	Shirley Joanne Rader (PH D)
Judith Lynn Lindquist (M ED)	Nilesh P. Mukherjee (M S)	Cheryl Knutson Ramberg (B ACC)
David Alan Lindseth (B A)	Brian Patrick Mulrooney (B S A S)	Peggy Jean Raymond (B ACC)
Wendy S. Link (B ACC)	Sheryl Marie Mumm (B A)	Wendi Lee Reed (B A)
Susan Claudia Lisell (M S)	Laura Bernice Munski (M S)	Kurt Anthony Reinhart (B B A)
Frederick Paul List (PH D)	John Patrick Murtha (B B A)	Trevor Lee Reither (B S E E)
Vonda L. Little (B S S W)	Colleen Burke Nardone (PH D)	Laura Kay Relling (B S N)
Angeline Mae Lizakowski (B S I T)	Debra Beth Nelson (B S C H E)	Ladonna Kay Renville (B B A)
Tamyn Rae Lockner-Ose (B S N)	Jeffrey Scott Nelson (B B A)	Ladonna Kay Renville (B S LSAV)
Brian David Loer (B S ED)	Scott Alan Nemmers (PH D)	Stephanie Janel Reyelts (B S ED)
William Ryan Lokken (B S)	Karen L. Nerdahl (B S N)	Ahmad B. Rezvani (PH D)
Ann Marie Luebke (B B A)	Corey Wade Ness (B B A)	Paige Ottoni Rice (B S N)
Robert Anthony Lugo (B S A S)	Tamara Lynn Cwikla Neumann (B S C H E)	David Lloyd Richards (B S A S)
Bryan Shawn Lukasezck (B S A S)	Sonya Kay Nielson (M S)	Kent William Ritterman (B S C E)
Michael James Lundby (M S)	John Paul Niemeyer (B B A)	Bill John Rivard (B ACC)
Amy Lynn Lunski (B S CJS)	Wade Michael Niemi (B B A)	Jon Merril Roaldson (B S FWB)
Steven Eric Lursen (B B A)	Leslie Warren Noehre (B S C E)	Samantha Lee Roberts (B S EGT)
Sevda Zekiye Lynnes (B S N)	Thomas Gray Nordin (M S)	Kevin Emile Roche (B S A S)
Mary Jane Lystad (M ED)	John Conrad Nordlie (M S)	Eric V. Roder (B S N)
David Scott Macbride (B B A)	Julie Lynn Norton (B S O T)	Pamela Denise Roebuck (B S N)
Jeffery Marc Maciver (B B A)	Loria A. Novak (B S ED)	Brent Vern Roettger (B S)
Kelly T. Madigan (B ACC)	Bethann Marie Nuelle (B S N)	Randy Charles Rolfe (B S A S)
Jerry Dean Madsen (B S I T)	David Bernhard Nuelle (B S N)	Tanya L. Rosenfeldt (B S O T)
Donnella Ann Maixner (B S O T)	Philip Anthony O'Brien (M A)	Jerald Allen Rostad (M A)
Stephanie Ann Majzner (B S CJS)	Shannon Patrick O'Connor (B S ED)	David Brian Rott (B ACC)
Brian James Malin (B S A S)	Beverly Karen O'Keefe (B S N)	Lynnell Marie Rude (B ACC)
Loretta Sue Malmedal (B S ED)	Colin Peter O'Shea (B ACC)	Dale Henry Ruder (B S N)
Daniel John Malone (B S I T)	Rhonda Marie Oas (B S ED)	Teresa A. Rupe (B S N)
Sarah Lynn Manns (B B A)	Peter Mathew Ocel (B B A)	Kevan Michael Rusk (B S M E)
Scott Anthony March (B S)	Eric James Oddegard (B B A)	Randy Joseph Sabart (B S C E)
M. Susan Marion (PH D)	Cheryl A. Oien (B B A)	Tricia Denise Sabourin (B A)
Marjorie Ann Masters (B A)	Sandra Sue Olin-Domagala (B S O T)	Ali Sadeghi (B A)
Griffith Robert Matthews (PH D)	Carmen Yvonne Olson Aberle (B S O T)	Barbara Lee Sahl (M S)
Gale G. Mayer (PH D)	Amanda Kenyon Olson (B B A)	Frances Carol Sailer (M S)
Gordon Joseph Mayer (B S I T)	Daniel Warren Olson (M A)	Dale Lloyd Sakrison (ED D)
Alexander B. Maynard (M S)	Hope Renae Olson (B A)	Agnes L. Salander (B S S W)
Michael John McArdle (B S AWS)	Jason H. Olson (B S A S)	Mark Gerald Sammon (B B A)
Kimberly Kay McCann (B ACC)	Linda Carol Olson (B S N)	Kristina Noelle Sampson (M ACC)
Kathleen Anne McClary (A A)	Rebecca M. Olson (B S O T)	Bradley John Sanders (B ACC)
Laurel Leann McCormick (B S ED)	Joseph Richard Osani (B S AWS)	Susan Anne Sandstrom (B A)
Michael Chad McCracken (B S A S)	James Douglas Osgood (B A)	Staci Ann Saugstad (B S O T)
Scott Andrew McGovern (B B A)	Marcella C. Osterkamp (B S N)	Robert Terry Saul (B B A)
Laurie Lynn McNeil (B S O T)	Stan D. Ottosen (B S A S)	Michael William Saunders (J D)
Scott Michael McVeigh (B S A S)	Marc Donald Overland (B S A S)	Kori Lynn Sawyer (B S O T)
Linda Tone Medalen (B S N)	Barry Jon Owens (M S)	Keith Allan Saxton (M S)
Christine M. Mehloff (B A)	Meri Jo Paschke (B S ED)	Jeanne Michelle Scauzillo (B S N)
Michelle K. Meiers (B B A)	Ashish Aroon Patel (M S)	Virginia Mae Schanz (B S N)
Christopher Francis Meindl (M A)	Robert Michael Paulson (B B A)	Julie Annette Scharmer (B S S W)
Michael Joel Melgaard (M A)	Celeste Kim Peach (B S N)	Diane Mary Scherer (B S O T)
Linda M. Michaelson-Schacher (B S O T)	Donette Christie Pearl (B A)	Elizabeth Jane Schiemann (B S P E)
Michael S. Mikkelsen (B A)	Judd T. Pearson (B B A)	Mark Lester Schirado (B B A)
Nichole Rae Millar (B B A)	Wallace Edward Peck (ED D)	Martin Sean Schmidt (B B A)
Mark Alan Miller (B S CJS)	Brett Kenneth Peichel (B B A)	Jill M. Schmitz (B S ED)
Marlene Faye Miller (B S CJS)	Shelly Marie Peltier (PH D)	Kristy Jo Schnabel (B S N)
Marlene Faye Miller (B S S W)	Steven Douglas Petersen (B S AWS)	Susan Nicole Schoon (B B A)
Peter Andrew Miller (B A)	Matthew Jay Peterson (B B A)	Carmen Renee Schulz (B A)
Nicole Rae Mindt (B S ED)	Lance Petrack-Zunich (B S AWS)	Joan Marie Schuster (B B A)
Kathleen Ann Mitzel (M A)	Donald J. Petron (B B A)	Darrell Dean Scott (B S)
Brenda Ann Moen (B ACC)	Kara Ann Petter (B B A)	Caitlin Zoe Seim (B A)
Shirley A. Moger (SPEC DIP)	Lori Ann Pladson (B S ED)	Cheryl Ann Serra (B S N)
Steven Mark Monger (B ACC)	Dane Christian Poling (B A)	Frances Marie Severson (B S N)
Jennifer J. Montgomery (B A)	Carole Marie Pramhus (M S)	Judd Daniel Shaft (B S N)
Gerri Ann Moore (B ACC)	Darin Harold Praska (B ACC)	J. Matthew Shaon (B S A S)

UNIVERSITY OF NORTH DAKOTA
DECEMBER 1992, CANDIDATES

NAME

William Edward Sibbernson (B S A S)
Kimberly Ann Siegfried (B ACC)
Janelle Marie Sipper (B ACC)
Tammy Jean Skallet (B B A)
Julie Ann Skorheim (B S N)
Kyza Kae Skyrud (B S N)
Brian Gilbert Smith (M S)
Michael Thomas Smith (B S CJS)
Shannon Lee Smith (B A)
Scott Robert Snell (M ENGR)
James Leonard Snowden (B S AWS)
Kimberly A. Soderberg (M A)
Jonathan Daniel Sodke (B B A)
Cindy Kay Soulis (B S N)
Greg Alan Spaeth (B S)
William Robert Spahr (M A)
Kelly Dawn Spielvogel (B A)
Richard St-Pierre (B S E E)
Deborah Lynn Stang (B S ED)
Kelly Elizabeth Stanton (B A)
Todd Richard Starke-Meyerring (M A)
Cheryl Ann Stauffenecker (B S N)
Carla June Steen (M S)
Richard Donald Stellmach (B A)
Mary Kathleen Stephens (B S ED)
Scott Vernon Sternhagen (PH D)
Timothy John Stevens (B S)
Thomas L. Stockert (B ACC)
Corryne Lynn Stoltman (B S N)
Heidi Nanna Storstad (B S O T)
Mark Andrew Struthers (B A)
Mark Andrew Struthers (B S A S)
Michael William Stuber (B S ED)
Carmen Eileen Stueve (B S O T)
Otto Kurt Sturzebecher (B S A S)
Jodi Lyn Suda (B B A)
Kimberly Ann Sullivan (B A)
Yizhong Sun (PH D)
Dennis Lyle Svanes (B ACC)
Shauna Rae Swen Nelson (B S O T)
James Edward Symons (B S S W)
Celeste Sypnieski-Erickson (B B A)
Sara Lyn Syvertson (B S N)
Keven Szarkowski (M B A)
Sudjono Tandio (B S E E)
Shelly Marlane Tennyson (B S ED)
John Paul Thomas (M A)
Jo Ellen Thompson (B A)
Jody J. Thompson (M ED)
Stephanie Ann Thompson (B A)
Jay William Thorsland (B B A)
William Robert Tollerud (B B A)
Christina Kay Torczon (B S O T)
Jim Alan Torkelson (M ED)
Sarah Ann Tuchscherer (B S ED)
Cassandra O'Jetta Turner (B A)
Odell Richard Tuttle (B B A)
Timothy P. Twaddle (B A)
Kimberly A. Tweten (B S S W)
Jeffrey Aaron Tyson (B B A)
Steven Allen Tyson (B A)
Lori Ulferts (ED D)
Allison S. Uthke (B A)
Lisa Marie Valgren (B S E E)
Marjean Sue Vanbruggen (B B A)
Eric Frederick Vanheel (B S A S)
Richard L. Vannett (B S)
Laurel Agnes Vermillion (M ED)

NAME

Suzan J. Verner (B S)
Terri Marie Vetter (B B A)
David Vincent Vonesh (B B A)
Eric Todd Vonruden (B S A S)
Rebecca Ann Wachtel (B S N)
Christine Marie Wack (B ACC)
Julie Leon Wack (B A)
Julie Leon Wack (B S ED)
Debra L. Wacker (B S O T)
Sandra D. Wade (B S S W)
Evelin Elaine Walker (B S S W)
Toni Rae Walker (B S)
Rob Wall (M S)
Robert J. Wallace (B B A)
Darrell Clark Walette (B B A)
Stephen Michael Walter (B S A S)
Vicki Irene Walter (B S O T)
Susan Devera Warcup (B A)
John David Ward III (B S E E)
Christopher M Waterhouse (B S M S)
Corey David Weaver (B B A)
Jill Meredith Webb (B ACC)
Jill Meredith Webb (B B A)
Heath Allen Webber (B ACC)
Anne Michelle Weismantel (B B A)
Valerie Lee Wells (B S ED)
George Gia-Chi Weng (B B A)
Iva J. Wenzel (SPEC DIP)
Brian L. Werk (B ACC)
Daniel Jerome Werness (B S ED)
Christopher John West (B S M E)
David Larry Whalen (B B A)
Douglas Charles Whalen (B S ED)
Rob Mark White (B S I T)
Shane Andrew White (B S A S)
Wendi Rae Whitman (B S N)
Jennifer Marie Wilhelmi (B A)
Lori Ann Wilhelmi (B B A)
Mary Michelle Williams (B S CJS)
David Markum Wilson (M S)
Kevin L. Windjue (B S)
Michael John Wolf (M D)
Tuck Sing Woo (M B A)
Gregory Frank Wurdell (B S A S)
Heather Anne Wurthman (B A)
Amy Jo Yager (B S ED)
Lissa Anne Yellowbird (B S CJS)
Paivi E. Young (M ED)
Yi Yu (M S)
Lyle James Zahradka (B ACC)
Syed Raihan Zaidi (M S)
Kelvin P. Ziegler (M ED)
Kurt R. Zuidmulder (B S R)

University Curriculum Committee Report
Fall Semester 1992
September 10, 1992 to November 19, 1992

New Courses

CTL 509	Introduction to Education Research	3 cr.
CTL 573A	Diseases and Functions of the Eye	2 cr.
CTL 573C	Orientation and Mobility/Visually Handicapped	2 cr.
Econ 404	Commercial Bank Simulation	3 cr.
Geog 422	Geography of Water Resources	3 cr.
Math 403	Theory of Probability	3 cr.
Metr 500	Introduction to Atmospheric Research	1 cr.
Metr 505	Advanced Atmospheric Dynamics	3 cr.
Metr 510	General Circulation	3 cr.
Metr 515	Advanced Climatology	3 cr.
Metr 520	Atmospheric Chemistry	3 cr.
Metr 525	Atmospheric Radiation	3 cr.
Metr 530	Numerical Weather Prediction	3 cr.
Metr 535	Measurement Systems	3 cr.
Metr 570	Seminar	1-3
		repeatable to 3
Metr 575	Current/Special Topics in Meteorology	3 cr
		repeatable to 3
Metr 595	Independent Studies	1-4
		repeatable to 4
Metr 599	Supervised Research	1-4
		repeatable to 12
Mus 501	Graduate Music Theory Review	3 cr.
Mus 505	Graduate Music History Review	3 cr.
Nurs 534	Specialization in Family Nurse Practitioner I: Management of Acute/Emergent Conditions in Primary Care	4 cr.
Nurs 536	Specialization in Family Nurse Practitioner II: Management of Chronic Conditions in Primary Care	5 cr.
Nurs 586	Advanced Health Assessment Across the Lifespan	2 cr.
PhTx 420	Introduction to Applied Clinical Pharmacology	4 cr.

Program Terminations

- B.S.Ed. with major in Elementary/Special Education Double Major
- B.S.Ed. with major in Secondary/Special Education Double Major

Request for New Program

- M.S. in Atmospheric Sciences
- Minor in Special Education

(Complete proposals available in the Registrar's Office for examination during normal business hours)

Course Deletions

CTL 483	Practicum methods for the Trainable Retarded	3 cr.
CTL 575A	The Emotionally Disturbed Child	3 cr.
CTL 575B	Education of the Emotionally Disturbed	3 cr.
Math 492	Reading Course in Mathematics	1-3 credits

Course Changes

Biol 312	<u>Evolution</u> - change from 2 to 3 credits; change in course description; change in frequency from F to S
CTL 505	<u>Social Foundations of Education</u> - change in course description
CTL 508	<u>Anthropological Foundations of Education</u> - change in course description
CTL 576A	<u>Introduction to Learning Disabilities</u> - change in title to "Introduction to Learning and Behavior Problems"; change from 3 to 4 credits; change in prerequisites from CTL 315, graduate status or consent of instructor to CTL 315; change in course description
CTL 576B	<u>Educational Assessment of Handicapped Students</u> - change from 3 to 4 credits; change in prerequisites from CTL 315 and 576A to CTL 315;
CTL 576C	<u>Methods and Materials for Specific Learning Disabilities</u> - change in title to "Methods and Materials: Learning and Behavior Problems"; change from 3 to 4 credits; change in prerequisites from CTL 576A, 576B and graduate status to CTL 315 and 576A; change in course description
CTL 577A	<u>Low Vision Assessment and Remediation</u> - change in course number to CTL 573D, change in frequency from on demand to S (even numbered years)
CTL 577B	<u>Education of the Visually Handicapped</u> - change in course number to CTL 573B, change in frequency offered from on demand to F (odd numbered years)
CTL 577C	<u>Communication Media and Methods/Visually Handicapped</u> change in course number to CTL 573E, change in frequency offered from on demand to SS (even numbered years)
Comm 235	<u>Cinematography</u> - change in frequency offered from F,S to on demand
Comm 323	<u>Writing for Special Markets</u> - change in frequency offered from S to on demand
Comm 327	<u>Editorial Photography</u> - change in frequency offered from S/1 to S
Comm 332	<u>Fundamentals of Television Production</u> - change in frequency offered from F,S to F
Comm 334	<u>Advanced Broadcast Reporting</u> - change in frequency offered from S to F
Comm 360	<u>Classroom Communication</u> - change in frequency offered from F/2 to on demand

- Comm 363 Voice Articulation and Announcing - change in frequency offered from S to on demand
- Comm 364 Parliamentary Procedure - change in frequency offered from S to on demand
- Comm 366 Business and Professional Speaking - change in frequency offered from S to S,F
- Comm 401 Organization Communication - change in frequency offered from F to on demand
- Comm 410 Research Methods in Communication - change in frequency offered from F/1 to on demand
- Comm 432 Television Theory and Production - change in frequency offered from F to S
- Comm 451 Advanced Public Relations - change in frequency offered from S to F,S
- Econ 337 Cooperative Education - change in grading from letter to S-U grading
- Geog 334 Climatology - change in prerequisite from consent of instructor to Geog 134 or Metr 150, change in course description
- Geog 421 Seminar in Physical Geography - change in prerequisite from Geog 121, 334 or consent of instructor to Geog 334 or consent of instructor, change in course description, change in frequency offered from F,S to F
- HPER 332 Biomechanics - change in prerequisites from Anat 204 to Anat 204 and 204L
- Lang S401 History of Spanish Language - change from 2 to 3 credits
- Lang S402 History of Spanish Literature - change from 2 to 3 credits
- Lang S403 Survey of Spanish American Literature - change from 2 to 3 credits and change course description
- Lang S404 Survey of Spanish American Literature - change from 2 to 3 credits and change course description
- Lang S405 Contemporary Spanish Literature - change from 2 to 3 credits
- Lang S407 Contemporary Spanish American Literature - change from 2 to 3 credits
- Math 330 Set Theory and Logic - change in frequency offered from S/2 to F,S
- Math 352 Advanced Engineering Mathematics I - change in course description
- Math 353 Advanced Engineering Mathematics II - change in course description
- Math 431 Advanced Calculus I - change in prerequisite from Math 213 to Math 330 or consent of instructor
- Math 432 Advanced Calculus II - addition of prerequisite to Math 431
- Math 441 Abstract Algebra - change in prerequisite from Math 212 to Math 330 or consent of instructor
- Math 442 Linear Algebra - change in prerequisite from Math 213 to Math 213 and Math 330 or consent of instructor
- Math 450 Elements of Topology - change in prerequisite from

- Math 212 to Math 330 or consent of instructor
- Math 460 Mathematical Modeling - change in prerequisite from Math 351 or permission of instructor to Math 351, Math 342 or 442, or consent of instructor
- Math 461 Numerical Analysis I - change in prerequisite from Math 351 and knowledge of a scientific programming language currently used by the UND computer center to Math 351, Math 342 or 442, and a scientific programming language
- Math 462 Numerical Analysis II - addition of Math 461 as a prerequisite
- Math 471 Introduction to Complex Variables - change in prerequisites from Math 213 to Math 213, 330, or consent of instructor, change in frequency offered from S/2 to F
- Math 491 Reading Course in Mathematics - change in frequency offered from F,S to F,S,SS
- MBio 505 Environmental Microbiology - change in prerequisite from MBio 302 or equivalent to MBio 302 or instructor's permission; change in course description
- Mus 108 Fundamentals of Music - change from 2 to 3 credits; change in course description
- Mus 502 Perspectives in Music Theory - change in prerequisites from Graduate standing to Mus 501 or passing grade on placement examination
- Mus 508 Perspectives in Music History - change in prerequisite from Graduate standing to Mus 505 or passing grade on placement examination
- Nurs 280 Introduction to Clinical Nursing - change in pre or co-requisites from Nurs 286 and Phy 301 to Nurs 286, Phy 301 and Nurs 233
- Nurs 328 Adult Health Nursing - change in pre-requisite from Nurs 288 to Nurs 288 and Nurs 320
- Nurs 532 Family Theory and Assessment - change in title to "Nursing Science Related to Expanding Families"; change in frequency offered from F,S to F; change in course description
- Nurs 555 Role Dimensions of Advanced Nursing - change in title to "Clinical Specialist Practicum and Seminar"; change in pre and co-requisite from Nurs 534, 577 or 580 or consent of instructor to Nurs 518 or 577, or consent of instructor; change in course description
- Soc 102 Social Problems - change from 2 to 3 credits; change in frequency offered from F,S to F or S
- VA 490 Special Projects/Independent Research - change in credits from 1-6 repeatable to 12 to 1-6 repeatable to 12 in each media

Program Requirement Changes

B.S. with major in Biology - change in Math requirements to: 6-8

- hrs from Math 103 or 104 and Math 204; or Math 211 and 212
- B.S.Ed. with major in Biology - change in Math requirements to: 6-8 hrs from Math 103 or 104 and Math 204; or Math 211 and 212
- B.B.A. with Banking and Financial Economics - add Econ 404 to the list of electives
- B.B.A. with major in Business Economics - add Econ 404 to the list of electives
- B.S. in Environmental Geology and Technology - delete Geol 490 from requirements (senior thesis)
- B.S. in Environmental Geology and Technology - delete Phil 210 from the required core and add it to the list of electives
- B.S. in Environmental Geology and Technology - remove Geol 316 from program requirements in the Water Resources and Environmental Studies options and make it an elective for both options
- B.S. in Environmental Geology and Technology - change Geol 1 1 1 from a required course for the Environmental Studies option to an elective
- B.S. in Environmental Geology and Technology - change Geol 4 0 1 from a required course to an elective in the Environmental Studies option
- B.S. in Environmental Geology and Technology - change VA 260 from a required course to an elective in the Environmental Studies option
- B.S. in Environmental Geology and Technology - add Biol 433 as an elective for the Water Resources option
- B.S. in Environmental Geology and Technology - add Geol 321 as a requirement for the Water Resources option
- B.S. with major in Fisheries and Wildlife Biology - change in Math requirements to: 6-8 hrs from Math 103 or 104 and Math 204; or Math 211 and 212
- M.S. in Nursing - addition of a Family Nurse Practitioner Clinical Specialization track
- B.A. with major in Spanish - change: Lang S401 from 2 to 3 credits; Lang 402 from 2 to 3 credits; Lang S403 from 2 to 3 credits; Lang S404 from 2 to 3 credits; Lang S405 from 2 to 3 credits; Lang S407 from 2 to 3 credits
- B.F.A. with major in Theatre Arts - delete Theory/History/Criticism track
- Minor in Women Studies - delete Soc 435 from list of available courses

Sostrom,

Boyd, Robert

Dahly, Ivan

Dovey, Whitby

Davis, W. Jerome

Effertz, Marie

Flavinagni, Albert J.

Fredricks, Nicole

Hein, David W.

Jago, Gary

Kroll, Harvey E.

Kover, Rachel

Lee, Nancy E.

Lottis, Richard

Mansnick, Oswald E.

Meredith, David

Merrill, Cory

Merrill, Patricia

Schmitt, Sue

Schneider, Mary Jane

Vickery, Barry

Wilhelmi, Ryan

Mr. Schubert moved to renumber the agenda by placing item No. 6 as item No. 7 under the business calendar, and placing item No. 7 as item No. 8 under the business calendar. This was seconded by Mr. Olson. Discussion followed. The