

RCU

OCCUPATIONAL RESEARCH

Z
5814
.T4
O23
1968

SELECTED BIBLIOGRAPHY OF IOWA RESEARCH
IN VOCATIONAL-TECHNICAL EDUCATION
AND RELATED AREAS - 1960-1967
as compiled by the Iowa R C U

OCCUPATIONAL RESEARCH

SELECTED BIBLIOGRAPHY
of IOWA RESEARCH in
VOCATIONAL-TECHNICAL EDUCATION
and Related Areas -- 1960 - 1967

Compiled by
Research Coordinating Unit
Vocational Education Branch
Department of Public Instruction

State of Iowa
1968

State of Iowa
DEPARTMENT OF PUBLIC INSTRUCTION
Des Moines 50319

STATE BOARD OF PUBLIC INSTRUCTION

LESTER D. MENKE, Calumet (President)
JOHN D. WARIN, Maloy (Vice President)
RICHARD DELANEY, Burlington
DR. JACK D. FICKEL, Red Oak
NOLDEN I. GENTRY, Des Moines
THOMAS S. ROE, Waukon
MRS. VIRGIL E. SHEPARD, Allison
MRS. EARL G. SIEVERS, Avoca
DR. JAMES M. WALTER, Ames

DEPARTMENT OF PUBLIC INSTRUCTION

Administration

PAUL F. JOHNSTON, Superintendent of Public Instruction and
Executive Officer of State Board of Public Instruction
DAVID H. BECHTEL, Administrative Assistant
W. T. EDGREN, Assistant Superintendent-Administration
L. N. JENSEN, Assistant Superintendent-Instruction
Wm. M. BALEY, Assistant Superintendent-Area Schools

Vocational Education Branch

Windol L. Wyatt, Associate Superintendent

Research Coordinating Unit

Kenneth M. Wold, Director

The Iowa Research Coordinating Unit is partially
funded by a grant from the Office of Education,
U. S. Department of Health, Education and Welfare.
Reports within this bibliography do not necessarily
represent official Office of Education position or policy.

INTRODUCTION

The Iowa RCU has developed this selected bibliography of Iowa research in Vocational-Technical Education and related areas for the years between 1960 and 1967. Contract research as well as abstracts of masters theses and doctoral dissertations are included. For the most part, these abstracts have been gleaned from research at the three state universities and one private university, Drake University, Des Moines, Iowa.

The Contents page lists the authors alphabetically; however, the subject index appears at the back of this publication.

Many Iowa 4(a) projects are still in process. It is planned to include listings of the abstracts of these final reports in future supplements. Meanwhile, your additions to this bibliography, plus any corrections, will be welcomed by the Iowa RCU staff.

KEY TO BIBLIOGRAPHY

IRCU = IOWA RESEARCH COORDINATING UNIT

IRCU 105 = Number of abstracts in this publication

IRCU 105 (897) = Numbers in parenthesis indicate the IOWA RCU abstract file number. To order a copy of an abstract from IRCU, please use the complete numbering code, example: IRCU 105(897).
If no number appears in parenthesis, the IRCU does not have that abstract on file. However, the university libraries do have most theses on file.

January 1968

IOWA RESEARCH COORDINATING UNIT
Vocational Education Branch
Department of Public Instruction
State Office Building
Des Moines, Iowa 50319

CONTENTS

NAME	YEAR	IRCU NO.	ABSTRACT NO.
ACETO, ROGER	1965	1	(667)
AHRENS, DON	1966	2	(1099)
AKERMAN, RICHARD H.	1967	3	(857)
AKINS, LOIS M.	1965	4	(653)
ANDERSON, ALICE M.	1967	5	(940)
ANDERSON, KATHERINE	1967	6	(1087)
ANDERSON, MARVIN CARL	1966	7	(2007)
ARP, LEON J.	1961	8	(2008)
ASCHENBRENNER, GEORGE DOUGLAS	1961	9	(684)
ASPEGREN, EVA C. E.	1964	10	(629)
BAKER, HARLAN K.	1967	11	(2002)
BANKS, JOHN W.	1964	12	(2009)
BARTON, GERALD FRISTEDT	1965	13	(535)
BASHAM, RICHARD G.	1966	14	(881)
BAUMEL, C. PHILLIP	1966	15	(2143)
BEAL, GEORGE M.	1966	16	(2144)
BEALL, JOHN E.	1963	17	(2010)
BEITZ, MYLES R.	1961	18	(2094)
BENDIXEN, JOE FRANCIS	1963	19	(648)
BENNETT, VINA G.	1966	20	(883)
BENNETT, WILLIAM C.	1965	21	(2095)
BIELLENBERG, BETTY M.	1962	22	(651)
BISHOP, JOHN E.	1962	23	(2011)
BITTNER, HARRIET ELIZABETH	1967	24	(989)
BLACK, LAWRENCE DEAN	1964	25	(829)
BLAIR, ALICE A.	1962	26	(607)
BLAKE, DUANE L.	1963	27	(601)
BLAKE, MARGARET TATE	1963	28	(2012)
BLOME, ARVIN C.	1963	29	(2113)
BLUMHAGEN, M. ELAINE	1960	30	(2013)
BOCK, DENNIS J.	1961	31	(715)
BOGATAJ, WILLIAM GEORGE	1964	32	(2014)
BOLES, DONALD E.	1966	33	(2145)
BRAND, DARRELL GENE	1965	34	(744)
BRAUGHT, LORAN RALPH	1961	35	(686)
BRIDENSTINE, EUGENE A.	1964	36	(842)
BRINKLEY, SHIRLEY DEAN	1963	37	(595)
BROWN, ALAN RALPH	1960	38	(2096)
BROWN, DOROTHY G.	1964	39	(563)
BROWN, DUANE	1967	40	(1096)
BROWN, HAROLD HERBERT	1960	41	(350)
BROWNE, MILES A.	1964	42	(781)
BROWNING, REX	1966	43	(885)
BUNS, ELKE	1964	44	(606)

CONTENTS (Continued)

NAME	YEAR	IRCU NO.	ABSTRACT NO.
CALDWELL, GARY L.	1961	45	(687)
CALLISON, ANN BUNTROCK	1965	46	(2015)
CAMARIGG, DAVID G.	1965	47	(632)
CAMBRIDGE, RICHARD WILLIAM	1960	48	(2016)
CARLSON, KEITH RANSOM	1965	49	(2097)
CARMICHAEL, TREVA JANE	1961	50	(719)
CARPENTER, ALICE PAULINE	1960	51	(351)
CARSTENS, HAROLD	1965	52	(2098)
CHAKRAVORTY, MALATI	1965	53	-
CHANDRA, ARVINDA R.	1967	54	(432)
CHATT, ORVILLE K.	1964	55	(832)
CHRISTENSON, JEFFREY M.	1961	56	(720)
CLEMMENSEN, GERALD DWIGHT	1964	57	(1053)
CLOVER, EVERETT L.	1961	58	(2099)
COLE, ANABEL M.	1967	59	(992)
CONDIT, ELROY J.	1960	60	(327)
CORDES, GEORGE CARROLL	1965	61	(1054)
CORNS, ANN S.	1965	62	(587)
CORY, EDWARD DANA	1964	63	(2017)
COX, JAMES HOWARD	1960	64	(2106)
CRABTREE, BEVERLY D.	1965	65	(557)
CRITCHLOW, DONALD E.	1964	66	(2114)
DAGGY, DALE M.	1965	67	(620)
DETTMANN, EMERON PAUL	1965	68	(2100)
DEVIN, PAUL D.	1964	69	(785)
DICKEY, ROBERT C.	1965	70	(1055)
DINOVO, JOHN PHIL.	1960	71	(2018)
DOHERTY, RAYMOND JOSEPH	1965	72	(761)
DOUGLAS, LLOYD V.	1966	73	(1093)
DOUGLAS, LLOYD V.	1966	74	(1094)
DRAHOZAL, EDWARD CHARLES	1965	75	(2115)
DUNN, FRANCIS RAYMOND	1965	76	(2135)
DUNN, JOHN PAUL	1963	77	(2019)
EDWARDS, CHARLES W.	1964	78	(2116)
EGGENBERGER, ULRICH LEWIS	1964	79	(416)
EICHACKER, RICHARD CHARLES	1961	80	(2020)
ESTES, CLELLA F.	1961	81	(723)
EVERIST, GARY LEE	1963	82	(2021)
FADNESS, DAVID LEE	1964	83	(1061)
FANSLOW, ALYCE M.	1966	84	-
FAULKNER, DAROLD D.	1961	85	(2083)
FELDHACKER, MELVIN RAYMOND	1962	86	(2084)
FERGUSON, RUTH E.	1964	87	(615)
FOX, JOHN GEORGE	1961	88	(2085)
FRANDOLIG, CAROL HATCH	1962	89	(636)
FRANK, DR. ROBERT L. and DR. HOWARD KNUTSON	1965	90	(2022)

CONTENTS (Continued)

NAME	YEAR	IRCU NO.	ABSTRACT NO.
FROEHLICH, LOREN	1966	91	(1098)
FUGLSBY, GLEN ORVILLE	1965	92	(2023)
GAER, W. KENT	1967	93	(951)
GASKILL, PHYLLIS PLOTT	1965	94	(631)
GATCH, WESLEY LYLE	1963	95	(2024)
GAUTHIER, MARY E.	1962	96	(2025)
GERDY, DONALD FRANK	1966	97	(1018)
GHORMLEY, DAVID LYMAN	1965	98	(410)
GILBERT, ALTA MAE	1966	99	(895)
GOEN, JEAN N.	1964	100	(2117)
GORDON, KENNETH GLENN	1964	101	(2026)
GREEN, RAMON H.	1967	102	(1048)
GRINSTEAD, EDNA PIERCE	1961	103	(2027)
GRONERT, WALTER BERTIN	1964	104	(2086)
GUMMERT, ELLEN THOMPSON	1961	105	(726)
HAGEN, WILMA KAY	1966	106	(897)
HALVERSON, GAYLON L.	1963	107	(2028)
HAMILTON, WILLIAM HENRY	1964	108	(543)
HANSEN, BURDETTE P.	1966	109	(2136)
HANSEN, MAURICE W.	1966	110	(899)
HARLAN, GRADY E.	1964	111	(2118)
HARVEY, CORA LUELLA	1964	112	(1079)
HASH, VIRGINIA LARSON	1967	113	(1049)
HAVENER, CHARLES P.	1966	114	(2004)
HAWLEY, KAREN SUE	1967	115	(2029)
HEADY, EARL O.	1966	116	(2146)
HEISEY, HAROLD V.	1967	117	(861)
HEMESATH, MARK J.	1962	118	(529)
HENDERSON, DONALD HENRY	1966	119	(1080)
HERMANSTORFER, JUDITH	1963	120	(2030)
HERMANSEN, JOSEPH A.	1967	121	(955)
HINTON, MAXINE A.	1962	122	(447)
HOEKSTRA, ANTHONY	1967	123	(862)
HOERNER, THOMAS ALLEN	1963	124	(647)
HOERNER, THOMAS ALLEN	1964	125	(2101)
HOLZ, ALFRED H.	1962	126	(2102)
HORTON, MICHAEL WILLIAM	1960	127	(2031)
HOWE, TREVOR GENE	1963	128	(2032)
HOWE, TREVOR GENE and KERMIT BUNTROCK	1966	129	(2147)
HOYT, LINDLEY JOHN	1965	130	(2103)
INMAN, DELPHA MYRL	1960	131	(353)
IVERSON, ROGER DUANE	1964	132	(2104)

CONTENTS (Continued)

NAME	YEAR	IRCU NO.	ABSTRACT NO.
JABRO, SALIM H.	1962	133	(2105)
JACKSON, HAROLD JAMES	1965	134	(1082)
JAYCOX, ALICE EDNA	1966	135	(905)
JEFFERSON, ROBERT W.	1963	136	(2033)
JEFFERSON, SALLY ANN WALLACE	1961	137	(2034)
JESKE, CAROL AHRENS	1963	138	(533)
JESS, MARTHA GARDNER	1962	139	(2035)
JOHNSON, MILDRED VIRGINIA	1962	140	-
JOHNSON, SANDRE NEISH	1965	141	-
JOLLY, FRANK HENRY	1964	142	(2087)
KAHLER, ALAN ARNOLD	1964	143	(589)
KAISER, MARY PHYLLIS	1961	144	(678)
KALBFLEISCH, JUDY KAY	1967	145	(637)
KALDOR, DONALD R.	1966	146	(2148)
KELDERMAN, WAYNE A.	1961	147	(732)
KELLERHALS, PAUL WILLIAM	1964	148	(1083)
KEMMERER, JOSEPH WILLIAM	1962	149	(2036)
KENDALL, VERA B.	1961	150	(733)
KERR, ELIZABETH E. and DALE F. PETERSEN	1966	151	(1097)
KILBOURN, JESSIE MILLER	1965	152	(419)
KILLAM, JAMES PAUL	1961	153	(2000)
KINZIE, GALEN W.	1960	154	(399)
KIRK, NORA	1961	155	(2037)
KISER, JACK J.	1964	156	(798)
KLOTZ, D. ELINORE	1963	157	(599)
KNAPP, DALE L.	1967	158	(963)
KOHLMANN, ELEANORE L.	1961	159	-
KOMASA, NOEL JOSEPH	1961	160	(2038)
KREGER, EUGENE CLAIR	1964	161	(1085)
KRUSE, WILLIAM RYAN	1967	162	(864)
KUTCHEN, Jr., FRANK JOHN	1966	163	(1037)
LaFOLLETTE, CHARLES HERBERT	1962	164	(551)
LaFOLLETTE, MAURICE C.	1963	165	(2039)
LaFOY, LARRIE D.	1961	166	(2040)
LANGERMAN, PHILIP DUANE	1963	167	-
LAUDA, DONALD PAUL	1966	168	(2003)
LAUGHLIN, JOAN M.	1965	169	(592)
LAURITZEN, PAUL	1964	170	(2119)
LeWARNE, GORDON	1966	171	(910)
LEWIS, EDWIN C. and MARY HEISERMAN	1966	172	(2149)
LINDSEY, LAVERNE YOUNG	1963	173	(652)

CONTENTS (Continued)

NAME	YEAR	IRCU NO.	ABSTRACT NO.
LISCHER, SHIRLEY N.	1961	174	(679)
LITHERLAND, RONALD L.	1966	175	(2137)
LIVERS, Jr., DAVID LINN	1963	176	(2120)
LOCKWOOD, LARRY LEE	1964	177	(619)
LOGSDON, CELIA	1960	178	-
LONG, STANLEY E.	1965	179	(407)
LOWERY, PAUL J.	1967	180	(2041)
LUCHT, WAYNE	1963	181	(2121)
LUCK, WILLIAM ERNEST	1966	182	(2042)
LYNCH, Lyla M.	1964	183	(802)
MABON, ELWOOD JACKSON	1964	184	(435)
MACREA, DONALD ALEXANDER	1962	185	(2043)
MADRAMOOTOO, HARRY	1961	186	(2107)
MADSEN, DONNA LEE	1965	187	(2044)
MALLES, KENNETH M.	1962	188	(502)
MALONE, Jr., FRANCIS E.	1965	189	(1092)
MANATT, RICHARD PRICE	1964	190	(2122)
MANSFIELD, DOROTHY	1960	191	(398)
MANY, WESLEY ALLEN	1963	192	(2123)
MATTKE, KEITH DUANE	1966	193	(2045)
MAXWELL, ROBERT HAWORTH	1964	194	(567)
McCRACKEN, JOHN DAVID	1962	195	(2108)
McDONOUGH, ANN C.	1967	196	(967)
McINTOSH, BOOKER T.	1962	197	(2109)
MEINTEL, PATRICIA	1967	198	(970)
MEYER, EDGAR M.	1963	199	(2088)
MEYER, JAMES ALBERT	1965	200	(2110)
MILLER, DIRK W.	1963	201	(564)
MILLER, LELAND D.	1964	202	(1063)
MILLER, NORMAN EARL	1965	203	(621)
MILLER, WALTER NELSON	1966	204	(2046)
MITSCHELE, WALTER	1965	205	(2111)
MIZER, ORRIN J.	1964	206	(2124)
MOORE, DARRELL GENE	1961	207	(2047)
MORGAN, LEOLA	1960	208	(2048)
MORRISON, HELEN W.	1967	209	(1003)
MUELLER, RICHARD J.	1963	210	(2125)
MUKAI, TERNO	1961	211	(2049)
NASH, MARION JOHN	1963	212	(2050)
NEIGHBORS, ROBERT EUGENE	1962	213	(664)
NEWTON, MELVIN F.	1961	214	(426)
NICHOLS, ROGER SABIN	1965	215	(2051)
NICHOLSON, GLEN I.	1963	216	(2127)
NICKERSON, GENE ARTHUR	1962	217	(2089)
NIELSEN, LORRAINE THOMPSON	1960	218	(604)
NORTHEY, WILLA V.	1961	219	-

CONTENTS (Continued)

NAME	YEAR	IRCU NO.	ABSTRACT NO.
OBRECHT, DIANE CLAUSSEN	1961	220	(2052)
OLNEY, GARY L.	1964	221	(598)
OLSON, ARTHUR B.	1962	222	(661)
OTT, PATRICIA SUZANNE	1963	223	(428)
OVERGAARD, KERMIT DUANE	1964	224	(811)
PALLET, JAMES E.	1965	225	(2138)
PALMER, DONALD CLIFTON	1966	226	(918)
PARKINSON, RICHARD CARROLL	1964	227	(2090)
PARR, LAWRENCE RONALD	1962	228	(500)
PETERSON, PAT P.	1967	229	(872)
PETRICH, BEATRICE A.	1965	230	-
PFEIFF, THEODORE HARLAN	1961	231	(2053)
PLOGHOFT, RACHEL E.	1960	232	(326)
PORTER, MARIE J.	1964	233	(812)
POWELL, THOMAS RAYMOND	1965	234	(2054)
PREHM, NORMA MARIE	1964	235	(2055)
PRIOR, AURELIA LOU ELMA	1964	236	(2056)
RAILSBACK, CHARLES E.	1965	237	(2139)
REINHARDT, KEITH GORDON	1967	238	(874)
RHATIGAN, JAMES J.	1965	239	(2140)
RICE, JAMES A.	1966	240	-
RICHARDSON, JERRY LEON	1964	241	(852)
RICKEY, FRANK BURDETTE	1961	242	(2091)
RIXEN, WALTER ARTHUR	1964	243	(1069)
ROBINSON, Jr., FRANK B.	1962	244	(659)
ROBINSON, NORMAN LYLE	1964	245	(649)
ROBINSON, TED RICHARD	1964	246	(633)
ROGERS, FRANK MARSHALL	1962	247	(2057)
ROGERS, RICHARD ROSS	1964	248	(1070)
ROSSOW, MAYNARD DALE	1965	249	(753)
ROWE, KENNETH LEROY	1960	250	(2058)
ROZENDAAL, JULIA JANE	1965	251	(1072)
RYAN, MILDRED B.	1965	252	(445)
RYERKERK, DONAD ADRIAN	1965	253	(2059)
RYERSON, D. THOMAS	1964	254	(2060)
SALLADE, CHARLES RONALD	1964	255	(853)
SALMON, WILLIAM C.	1960	256	(2061)
SAMSON, HARLAND E.	1964	257	(2062)
SANBORN, MARSHALL PHILLIP	1963	258	(2130)
SANKEY, SHERWIN C.	1961	259	(695)
SAUPE, WILLIAM EDWARD	1961	260	(434)
SCAVO, VINCENT CHARLES	1967	261	(980)
SCHMIDT, GERALD J.	1961	262	(656)

CONTENTS (Continued)

NAME	YEAR	IRCU NO.	ABSTRACT NO.
SCHMIEDING, ORVILLE AUGUST	1963	263	(2131)
SCHNELLE, WILLIAM JUNIOR	1965	264	(754)
SCHULTZ, RICHARD HENRY	1966	265	(2006)
SCHULZ, CHARLES EDWARD	1962	266	(2063)
SCHWARTZ, DOLLE	1966	267	(1026)
SCHWARTZ, PATRICIA MC COLLY	1963	268	-
SCHWARZ, JAMES PATRICK	1965	269	(2064)
SCHWIEGER, CHARLOTTE DOROTHEA	1966	270	(1088)
SCOTT, RAYMOND WILLIAM	1960	271	(2065)
SCRUGGS, MARGUERITE	1966	272	(2150)
SEAYER, MARY F.	1960	273	(2066)
SEIGLER, CLAUDE I.	1967	274	(1086)
SHELLABARGER, SANDRA S.	1965	275	-
SHERIFF, DON R.	1965	276	(213)
SHERIFF, DON R.	1966	277	(1095)
SHEW, CAROLYN BURD	1963	278	(2067)
SILLIMAN, BENJAMIN DUANE	1961	279	(2068)
SKINNER, JANET A.	1963	280	-
SMITH, CHANDOS CLAYTON	1964	281	(821)
SMITH, GERTRUDE C.	1966	282	(611)
SOBOTKA, ELBERT	1964	283	(820)
SOUDER, MARY FERN VANPOOL	1967	284	(666)
SOUTH, THOMAS LEE	1964	285	(2069)
SOUTTER, FLORENCE ELIZABETH	1960	286	(2070)
SPURLIN, RONALD G.	1966	287	(927)
STANARD, DAVID CLAIR	1964	288	(1073)
STEBBINS, MELVIN E.	1964	289	(2133)
STOCK, WILLIAM EARL	1961	290	(2071)
STOCKER, DONALD JAMES	1963	291	(2072)
SUNNER, BARBARA KINDWALL	1964	292	(2073)
SWAN, Jr., HOWARD A.	1965	293	(2134)
SWANSON, ROBERT MAGNI	1961	294	(650)
SWENSON, JERROLD LEROY	1966	295	(2074)
SYHLMAN, BILL DUANE	1961	296	(2075)
TARMAN, VERA ANN	1962	297	(630)
TEXTOR, RICHARD WAYNE	1962	298	(707)
THOMAS, DONALD DEAN	1966	299	(2076)
VANDE WALL, MARION	1966	300	(933)
VAN DUSSELDORP, RALPH A.	1965	301	(2141)
VAN EKERAN, BERTA W.	1966	302	(934)
VAN FOSSEN, LARRY DEAN	1962	303	(2092)
VANLOH, FREDERICK ALVIN	1964	304	(532)
VAN OMMEREN, IVAN DALE	1963	305	(2077)
VAN SICKLE, DORIS HOFER	1965	306	(774)
VAN TRESS, TERRY	1961	307	(682)

CONTENTS (Continued)

NAME	YEAR	IRCU NO.	ABSTRACT NO.
VEGORS, AURILLA P.	1960	308	(359)
VENABLES, WILLIAM KENDRICK	1967	309	(986)
WACHTEL, MARILYN F.	1963	310	-
WAGNER, GERALD E.	1963	311	(2078)
WALLACE, JACK D.	1961	312	(193)
WALLIS, DONALD E.	1960	313	(2080)
WALSH, W. BRUCE	1965	314	(2142)
WANER, GENE JOSEPH	1966	315	(1043)
WARE, CLYDE HOMER	1963	316	(2093)
WATERS, RICHARD M.	1965	317	(738)
WATTS, LA VELLE	1965	318	(739)
WEED, JOSEPH BERNARD	1963	319	(438)
WEED, GARY DEAN	1963	320	(2081)
WEED, GARY DEAN	1967	321	(2005)
WIGGERS, M. VIRGINIA STANLEY	1960	322	-
WILLIAMS, ROGER	1965	323	(775)
WILSON, THOMAS F.	1967	324	(1091)
WOLLENHAUPT, JANET K.	1962	325	(2082)
WYATT, WINDOL LEE	1961	326	(640)
YOCOM, BETTY M.	1965	327	(414)
YODER, GERTRUDE C.	1965	328	(612)
ZECH, JAMES C.	1964	329	(1078)

- IRCU 1 (667)
ACETO, ROGER. "The Trend Concerning the Tort Liability of School Districts in Iowa." M.S., Des Moines, Iowa: Drake University, 1965.
- IRCU 2 (1099)
AHRENS, DON. "Influence of High School Vocational Agriculture and the Matriculation, Attrition, Graduation and Employment of Agricultural Engineers Who Attended Iowa State University." M.S. Ames, Iowa: Iowa State University, 1966. 109 p.
- IRCU 3 (857)
AKERMAN, RICHARD H. "The Prediction of Student Achievement in High School English and Social Science by the Use of the General Aptitude Test Battery." M.S. Des Moines, Iowa: Drake University, 1967.
- IRCU 4 (653)
AKINS, LOIS M. "Community Resources Available to the Knoxville Community Schools." M.S. Des Moines, Iowa: Drake University, 1965.
- IRCU 5 (940)
ANDERSON, ALICE M. "Guidance and Counseling Pamphlets for Prospective Counselors and the Des Moines School Publics." M.S. Des Moines, Iowa: Drake University, 1967.
- IRCU 6 (1087)
ANDERSON, KATHERINE. "Experiences of Iowa Senior High School Girls in Housing." M.S. Ames, Iowa: Iowa State University, 1967.
- IRCU 7 (2007)
ANDERSON, MARVIN CARL. "A Survey of Current Industrial Arts Programs in Nine Northwest Iowa Counties." M. Ed. Ames, Iowa: Iowa State University, 1966.
- IRCU 8 (2008)
ARP, LEON J. "A Simplified Control and Drive System for Machine Automation." M.S. Ames, Iowa: Iowa State University, 1961.
- IRCU 9 (684)
ASCHENBRENNER, GEORGE DOUGLAS. "Resource Materials for the Study of Local Industry in the Rockford, Illinois, Junior High Schools." M.S. Des Moines, Iowa: Drake University, 1961.
- IRCU 10 (629)
ASPEGREN, EVA C. E. "Development of an Instrument for Determining Attitudes of Iowa Homemakers Toward Food Preparation." M.S. Ames, Iowa: Iowa State University, 1964.
- IRCU 11 (2002)
BAKER, HARLAN K. "A Study of Teachers and Students in the Iowa Area Technical Electronics Programs, with Implications for a Teacher Education Curriculum in Iowa." M.S. Ames, Iowa: Iowa State University, 1967. 48 p.
- IRCU 12 (2009)
BANKS, JOHN W. "A Study of Adult Typewriting in the Public Schools of Iowa." M.A. Cedar Falls, Iowa: University of Northern Iowa, 1964. 121 p.

- IRCU 13 (535)
BARTON GERALD FRISTEDT. "Citizens' Advisory Committees in School Districts Maintaining High Schools in Iowa, 1964-1965." M.S. Des Moines, Iowa: Drake University, 1965.
- IRCU 14 (881)
BASHAM, RICHARD G. "A Follow-Up Study of the Clarion High School Graduates of 1959 and 1964." M.S. Des Moines, Iowa: Drake University, 1966.
- IRCU 15 (2143)
BAUMEL, C. PHILLIP. "Predicting Change in Technology, Jobs and Vocational Training Needs in Rural (Non-Metropolitan) Labor Markets." Project No. 5, Contract No. O.E. 5-85-108. Ames, Iowa: Iowa State University, 1966.
- IRCU 16 (2144)
BEAL, GEORGE M., VIRGIL LAGOMARCINO, JOHN J. HARTMAN. "The Decision-Making Process of School Districts Regarding Vocational Education and Training Programs." Project No. 1, Contract No. O.E. 5-85-108. Ames, Iowa: Iowa State University, 1966.
- IRCU 17 (2010)
BEALL, JOHN E. "The Extent of Impact of Automation and Other Technological Changes Upon Business Operations and Employment in Greater Des Moines." M.S. Des Moines, Iowa: Drake University, 1963. 62 p.
- IRCU 18 (2094)
BEITZ, MYLES ROBERT. "Factors Relating to Attendance of Farmers in Agricultural Education Meetings." Field Study. M. V. Ed. Ames, Iowa: Iowa State University, 1961. 48 p.
- IRCU 19 (648)
BENDIXEN, JOE FRANCIS. "Relation of High School Vocational Agriculture to Achievement in College Courses in Animal Science." M.S. Ames, Iowa: Iowa State University, 1963.
- IRCU 20 (883)
BENNETT, VINA G. "Utilization of Community Resources as an Aid to Instruction in Newton Community Schools, Newton, Iowa." M.S. Des Moines, Iowa: Drake University, 1966.
- IRCU 21 (2095)
BENNETT, WILLIAM CLAIR. "Competencies in Soil Management and Use of Fertilizers Needed by Farmers." M.S. Ames, Iowa: Iowa State University, 1965. 91 p.
- IRCU 22 (651)
BIELENBERG, BETTY M. "Factors Related to Professional Interest of Home Economics Students and Teachers." M.S. Ames, Iowa: Iowa State University, 1962.
- IRCU 23 (2011)
BISHOP, JOHN E. "Factors Influencing Occupational Choices of Winterset Vocational Agriculture Graduates." M.S. Ames, Iowa: Iowa State University, 1962. 116 p.

- IRCU 24 (989)
BITTNER, HARRIET ELIZABETH. "Utilization of Guidance Services by Teachers and Principals in Intermediate Grades in Des Moines, Iowa." M.S. Des Moines, Iowa: Drake University, 1967.
- IRCU 25 (829)
BLACK, LAWRENCE DEAN. "Growth and Activities of the Teacher Union Movement, in Iowa Including Suggestions Towards a Better Relationship with Other Teacher Organizations." M.S. Des Moines, Iowa: Drake University, 1964.
- IRCU 26 (607)
BLAIR, ALICE A. "An Analysis of Factors Influencing Vocational Planning of Eighth and Eleventh-Grade Students." M.S. Des Moines, Iowa: Drake University, 1962. 109 p.
- IRCU 27 (601)
BLAKE, DUANE LEROY. "Relationship of High School Training in Vocational Agriculture to Subsequent Establishment in Farming and Participation in Organized Groups." Ph.D. Ames, Iowa: Iowa State University, 1963. 235 p.
- IRCU 28 (2012)
BLAKE, MARGARET TATE. "Desired Future Vocations and Prestige Ranking of Occupations." M.S. Ames, Iowa: Iowa State University, 1963. 77 p.
- IRCU 29 (2113)
BLOME, ARVIN C. "A Study in the Identification of Community Power Structure and Influence on Public School Issues." Ph.D., Iowa City, Iowa: University of Iowa, 1963.
- IRCU 30 (2013)
BLUMHAGEN, M. ELAINE. "A Study to Determine the Feasibility of Using a Time-Penalty Scoring Procedure for Shorthand Dictation and Transcription Tests." M.A. Cedar Falls: University of Northern Iowa, 1960. 81 p.
- IRCU 31 (715)
BOCK, DENNIS J. "Analysis of Des Moines, Iowa, House Building Costs." M.S. Des Moines, Iowa: Drake University, 1961.
- IRCU 32 (2014)
BOGATAJ, WILLIAM GEORGE. "Problems of Beginning Industrial Arts Teachers." M.S. Ames, Iowa: Iowa State University, 1964.
- IRCU 33 (2145)
BOLES, DONALD E. and CHARLES W. WIGGINS. "An Analysis of Legal and Political Problems and the Strategy Necessary for Implementing Programs Under the Vocational Education Act of 1963." Project No. 8, Contract No. O.E. 5-85-108. Ames, Iowa: Iowa State University, 1966.
- IRCU 34 (744)
BRAND, DARRELL GENE. "A Follow-Up of Students Leaving the Prairie City Community High School Between 1959-1964." M.S. Des Moines, Iowa: Drake University, 1965.

- IRCU 35 (686)
BRAUGHT, LORAN RALPH. "Law Enforcement As a Career." M.S. Des Moines, Iowa: Drake University, 1961.
- IRCU 36 (842)
BRIDENSTINE, EUGENE A. "A Study of the Newton High School Dropouts for the Years 1961-1962 and 1962-1963." M.S. Des Moines, Iowa: Drake University, 1964.
- IRCU 37 (595)
BRINKLEY, SHIRLEY DEAN. "Case Studies of High School Girls for Use in Teacher Education Classes." M.S. Ames, Iowa: Iowa State University, 1963.
- IRCU 38 (2096)
BROWN, ALAN RALPH. "Leadership Activities of Former 'Chapter' and 'State Farmers' in the Iowa Association, Future Farmers of America." M.S. Ames, Iowa: Iowa State University, 1960. 89 p.
- IRCU 39 (563)
BROWN, DOROTHY G. "Needs Related to Marriage and Family Living of Twelfth-Grade Pupils in Ethnically Diverse Communities of Iowa." M.S. Ames, Iowa: Iowa State University, 1964.
- IRCU 40 (1096)
BROWN, DUANE. "A Survey of Guidance Services in Iowa." M.S. Ames, Iowa: Iowa State University, 1967. 85 p.
- IRCU 41 (350)
BROWN, HAROLD HERBERT. "A Follow-Up of the 1949 and 1955 Graduates of the Mason City, Iowa High School." M.A. Des Moines, Iowa: Drake University, 1960.
- IRCU 42 (781)
BROWNE, MILES A. "Physical Facilities for Guidance Services in Selected Iowa Secondary Schools." M.S. Des Moines, Iowa: Drake University, 1964.
- IRCU 43 (885)
BROWNING, REX. "A Follow-Up of the 1963-64 and 1964-65 Boone County Dropouts." M.S. Des Moines, Iowa: Drake University, 1966.
- IRCU 44 (606)
BUNS, ELKE. "Experiences With Young Children by Junior High School Pupils in Nonurban Areas of Iowa." M.S. Ames, Iowa: Iowa State University, 1964.
- IRCU 45 (687)
CALDWELL, GARY L. "Public Relations Activities of the Ogden, Iowa, Public Schools for the Year 1960-61." M.S. Des Moines, Iowa: Drake University, 1961.
- IRCU 46 (2015)
CALLISON, ANN BUNTROCK. "Occupational Choice and Prestige Ranking by Metropolitan High School Seniors." M.S. Ames, Iowa: Iowa State University, 1965. 79 p.

- IRCU 47 (632)
CAMARIGG, DAVID G. "Manual of Guidance Activities for the Seventh Grade Core Program of Rialto Junior High School, Rialto, California." M.S. Des Moines, Iowa: Drake University, 1965.
- IRCU 48 (2016)
CAMBRIDGE, RICHARD WILLIAM. "A Study of the High School Course in General Business with Particular Reference to the Public Secondary Schools of Iowa and to the Preparation of Teachers of General Business." Ph.D. Iowa City, Iowa: University of Iowa, 1960. 267 p.
- IRCU 49 (2097)
CARLSON, KEITH RANSOM. "Competencies Needed by Farm Credit Agency Employees." M.S. Ames, Iowa: Iowa State University, 1965. 82 p.
- IRCU 50 (719)
CARMICHAEL, TREVA JANE. "A Follow-Up Study of Business-Education Days in Waterloo, Iowa, for the Decade 1959-1960." M.S. Des Moines, Iowa: Drake University, 1961.
- IRCU 51 (351)
CARPENTER, ALICE PAULINE. "Check Lists to be Used in Planning and Conducting Parent-Teacher Conferences." M.S. Des Moines, Iowa: Drake University, 1960.
- IRCU 52 (2098)
CARSTENS, HAROLD L. "Opportunities for Beginning Farmers in the Alta Community School District." Field Study, M.Ed. Ames, Iowa: Iowa State University, 1965. 68 p.
- IRCU 53
CHAKRAVORTY, MALATI. "Inventory for Determining Problems of Adolescent Girls of Gujarat, India." M.S. Ames, Iowa: Iowa State University, 1965. 91 p.
- IRCU 54 (432)
CHANDRA, ARVINDA R. "Instructional Problems of Teachers in Home Science Degree-Granting Colleges of India." M.S. Ames, Iowa: Iowa State University, 1967.
- IRCU 55 (832)
CHATT, ORVILLE K. "Introduction of Jewelry Making Through Visual Aids." M.S. Des Moines, Iowa: Drake University, 1964.
- IRCU 56 (720)
CHRISTENSON, JEFFREY M. "A Follow-Up Study of the 1952, 1956, and 1960 Graduates of Valley High School, West Des Moines, Iowa." M.S. Des Moines, Iowa: Drake University, 1961.
- IRCU 57 (1053)
CLEMMENSEN, GERALD DWIGHT. "A Study of Selected Employers' Opinions Regarding the Terminal Education Programs of Secondary Schools in the Davenport, Iowa, Area." M.A. Cedar Falls, Iowa: University of Northern Iowa, 1964. 93 p.

- IRCU 58 (2099)
CLOVER, EVERETT L. "Opportunities for Establishment of Young Farmers in Farming in the Webster City Community School District." M.S. Ames, Iowa: Iowa State University, 1961. 123 p.
- IRCU 59 (992)
COLE, ANABEL M. "Vocational and Educational Choices of the Graduates from the Fremont County High Schools, 1961-1965." M.S. Des Moines, Iowa: Drake University, 1967.
- IRCU 60 (327)
CONDIT, ELROY J. "How High School Students Interpret Items of the California Test of Personality." M.S. Des Moines, Iowa: Drake University, 1960.
- IRCU 61 (1054)
CORDES, GEORGE CARROLL. "The Utilization of a Personality Rating Scale to Determine the Relationship Between Peers, Faculty, and Self-Ratings." M.A., Cedar Falls, Iowa: University of Northern Iowa, 1965.
- IRCU 62 (587)
CORN, ANN S. "Exploration of the Measurement of Concept Attainment by High School Pupils in Clothing Selection." M.S. Ames, Iowa: Iowa State University, 1965.
- IRCU 63 (2017)
CORY, EDWARD DANA. "A Proposed Program Design in Industrial Education for the Academically Talented Student." M.S. Ames, Iowa: Iowa State University, 1964.
- IRCU 64 (2106)
COX, JAMES HOWARD. "Curricular Needs of Junior High School Students in Des Moines, Iowa, Public School System." M.S. Ames, Iowa: Iowa State University, 1960.
- IRCU 65 (557)
CRABTREE, BEVERLY D. "Predicting and Determining Effectiveness of Homemaking Teachers." Ph.D. Ames, Iowa: Iowa State University, 1965. 151 p.
- IRCU 66 (2114)
CRITCHLOW, DONALD E. "A Study of Programs of Iowa Colleges and Universities Designed to Prepare Secondary-School Teachers." Ph.D. Iowa City, Iowa: University of Iowa, 1964.
- IRCU 67 (620)
DAGGY, DALE M. "A Projected Guidance Program for Humboldt County Public Secondary Schools." M.S. Des Moines, Iowa: Drake University, 1965.
- IRCU 68 (2100)
DETTMANN, EMERON PAUL. "Competencies in Agricultural Mechanics Needed by Vocational Agriculture Instructors." M.S. Ames, Iowa: Iowa State University, 1965. 106 p.

IRCU 69 (785)

DEVIN, PAUL D. "Educational Programs in Correctional Institutions in the United States." M.S. Des Moines, Iowa: Drake University, 1964.

IRCU 70 (1055)

DICKEY, ROBERT C. "A Follow-Up Study of Graduates of the Division of Practical Nurse Education, Davenport Area Technical School, to Determine Their Reaction to the Preparatory Program." M.A. Cedar Falls, Iowa: University of Northern Iowa, 1965.

IRCU 71 (2018)

DINOVO, JOHN PHIL. "Employment Trends in Council Bluffs, Iowa, 1950-1957." M.S. Des Moines, Iowa: Drake University, 1960. 72 p.

IRCU 72 (761)

DOHERTY, RAYMOND JOSEPH. "A Follow-Up Study of the Graduates of Avoca High School in 1961-1962-1963, an Evaluation of the Curriculum and Guidance Program." M.S. Des Moines, Iowa: Drake University, 1965.

IRCU 73 (1093)

DOUGLAS, LLOYD V. "The Development of Suitable Shorthand Tapes for Effective Utilization of the EFI Multi-Channel Wireless Shorthand System in Preparing Vocational Office Education Teachers in the Department of Business Education at the State College of Iowa, Cedar Falls, Iowa." Cedar Falls, Iowa: State College of Iowa is known as University of Northern Iowa, 1966.

IRCU 74 (1094)

DOUGLAS, LLOYD V. "A Pilot Study of the Feasibility of Incorporating Preparation to Teach 'Touch Shorthand' (Stenograph) into the Professional Program for Preparing Secretarial Teachers at the State College of Iowa." Cedar Falls, Iowa: State College of Iowa is known as University of Northern Iowa, 1966. 176 p., 4 p summary.

IRCU 75 (2115)

DRAHOZAL, EDWARD CHARLES. "A Study of Selected Characteristics of Senior High School Students and Their Perceptions of Their Counselor's Role in the Post-High School Decision." Ph.D. Iowa City, Iowa: University of Iowa, 1965.

IRCU 76 (2135)

DUNN, FRANCIS RAYMOND. "A Comparison of Selected Educational, Socio-Economic and Attitudinal Characteristics of Seniors in Two Groups of Iowa School Districts." Ph.D. Iowa City, Iowa: University of Iowa, 1965.

IRCU 77 (2019)

DUNN, JOHN PAUL. "A Retail Trade Area Analysis of Fayette, Iowa: 1961." M.A. Cedar Falls, Iowa: University of Northern Iowa, 1963. 115 p.

IRCU 78 (2116)

EDWARDS, CHARLES W. "Relationships Between Evaluative Criteria Ratings and Other Measures of Effectiveness of Selected Iowa High Schools." Ph.D., Iowa City, Iowa: University of Iowa, 1964.

- IRCU 79 (416)
EGGENBERGER, ULRICH LEWIS. "An Analysis of High School Vocational Agriculture from Evaluations of Graduates in West Texas." Ph.D. Ames, Iowa: Iowa State University, 1964. 166 p.
- IRCU 80 (2020)
EICHACKER, RICHARD CHARLES. "Industrial Arts Merit Badges Earned by Iowa Eagle Scouts." M.S. Ames, Iowa: Iowa State University, 1961.
- IRCU 81 (723)
ESTES, CLELLA F. "An Appraisal of the School Counseling Program of the Iowa State Employment Service, Des Moines, 1959-1960." M.S. Des Moines, Iowa: Drake University, 1961. 50 p.
- IRCU 82 (2021)
EVERIST, GARY LEE. "Preparation and Status of Iowa Industrial Arts Teachers." M.S. Ames, Iowa: Iowa State University, 1963.
- IRCU 83 (1061)
FADNESS, DAVID LEE. "The Relevancy of Dr. James B. Conant's Proposals to a Medium Size High School in Iowa." M.A. Ed. Cedar Falls, Iowa: University of Northern Iowa, 1964.
- IRCU 84
FANSLOW, ALYCE M. "Environments in College Home Economics Units as Perceived by Students." Ph.D. Ames, Iowa: Iowa State University, 1966. 150.
- IRCU 85 (2083)
FAULKNER, DAROLD D. "The Organization and Implementation of an Industrial Arts Fair." M.S. Ames, Iowa: Iowa State University, 1961.
- IRCU 86 (2084)
FELDHACKER, MELVIN RAYMOND. "A History of Trade and Industrial Education in Iowa." M.S. Ames, Iowa: Iowa State University, 1962.
- IRCU 87 (615)
FERGUSON, RUTH E. "Problems in Child Development Reported by Junior High School Pupils in Iowa." M.S. Ames, Iowa: Iowa State University, 1964.
- IRCU 88 (2085)
FOX, JOHN GEORGE. "Study of Industrial Arts Electricity in Senior High Schools of Iowa." M.S. Ames, Iowa: Iowa State University, 1961.
- IRCU 89 (636)
FRANDOLIG, CAROL HATCH. "Validation of Three Instruments to Predict Clothing Construction Ability at the High School Level." M.S. Ames, Iowa: Iowa State University, 1962.
- IRCU 90 (2022)
FRANK, DR. ROBERT L. and DR. HOWARD KNUTSON. "A Proposal for an Area Vocational School in the Counties of: Black Hawk, Bremer, Buchanan, Chickasaw, and parts of: Butler, Clayton, Fayette, Grundy, and Tama Counties." Faculty Research, Cedar Falls, Iowa: University of Northern Iowa, 1965.

IRCU 91 (1098)

FROELICH, LOREN, "Factors Related to Employment of Iowa State University Graduates in Agricultural Education." M.S. Ames, Iowa: Iowa State University, 1966. 150 p.

IRCU 92 (2023)

FUGLSBY, GLEN ORVILLE. "Occupational Patterns in Four Northwest Iowa Counties." Ph.D. Ames, Iowa: Iowa State University, 1965.

IRCU 93 (951)

GAER, W. KENT. "High School Dropouts in the West Des Moines Community School District for the Years 1962-1965." M.S. Des Moines, Iowa: Drake University, 1967.

IRCU 94 (631)

GASKILL, PHYLLIS PLOTT. "Attrition of Home Economics Education Students Associated with Personal Qualities and Marital Status." M.S. Ames, Iowa: Iowa State University, 1965. 41 p.

IRCU 95 (2024)

GATCH, WESLEY LYLE. "An Evaluation of the Machine Shop Program in the Newton Community High School, Newton, Iowa." M.S. Ames, Iowa: Iowa State University, 1963.

IRCU 96 (2025)

GAUTHIER, MARY E. "Job Analysis and Related Instruction for Educational Office Workers in the Lawrence, Kansas, Cooperative Part-time Training Program." M.A. Cedar Falls, Iowa: University of Northern Iowa. 1962. 98 p.

IRCU 97 (1018)

GERDY, DONALD FRANK. "Public Relations Programs in Iowa Public Schools." M.S. Des Moines, Iowa: Drake University, 1966.

IRCU 98 (410)

GHORMLEY, DAVID LYMAN. "Competencies Needed by Employees in Feed Manufacturing and Sales Positions within the Area Served by the Iowa Falls Community Schools." M.S. Des Moines, Iowa: Drake University, 1965.

IRCU 99 (895)

GILBERT, ALTA MAE. "A Study of Reading Disabilities." M.S. Des Moines, Iowa: Drake University, 1966.

IRCU 100 (2117)

GOEN, JEAN N. "Explorations of Crites' Vocational Diagnostic System." Ph.D. Iowa City, Iowa: University of Iowa, 1964.

IRCU 101 (2026)

GORDON, KENNETH GLENN. "Characteristics of Instrumentation Personnel in the Aerospace Manufacturing Industry of the New York Metropolitan Area." M.A. Cedar Falls, Iowa: University of Northern Iowa, 1964. 127 p.

IRCU 102 (1048)

GREEN, RAMON H. "The Development of Criteria for the Evaluation of Student Teacher Programs." Specialist in Education Degree, Cedar Falls, Iowa: University of Northern Iowa, 1967.

IRCU 103 (2027)

GRINSTEAD, EDNA PIERCE. "A Study of the Relationship of Stated Motives of Students and Graduates of Iowa State Teachers College for Selecting Business Education as a Major to Superior Intellectual Ability and Reported Success on the Job." Ed. D. New York, New York: New York University, 1961. 164 p.

IRCU 104 (2086)

GRONERT, WALTER BERTIN. "A Follow-Up Study of Male Withdrawals from North High School, Des Moines, Iowa, 1957-1961." M.S. Ames, Iowa: Iowa State University, 1964.

IRCU 105 (726)

GUMMERT, ELLEN THOMPSON. "Personal-Social Relationships of Seventh Grade Girls in the Newton, Iowa, Junior High School." M.S. Des Moines, Iowa: Drake University, 1961.

IRCU 106 (897)

HAGEN, WILMA KAY. "Values and Self Concepts of Teacher-Education Students." M.S. Des Moines, Iowa: Drake University, 1966.

IRCU 107 (2028)

HALVERSON, GAYLON L. "The Development and Evaluation of Programmed Instruction Materials for Use in Supplementing the Teaching of High School Bookkeeping." M.A. Cedar Falls, Iowa: University of Northern Iowa, 1963. 116 p.

IRCU 108 (543)

HAMILTON, WILLIAM HENRY. "Competencies in Agriculture Needed by Males Employed in Retail Feed Distribution." M.S. Ames, Iowa: Iowa State University, 1964. 126 p.

IRCU 109 (2136)

HANSEN, BURDETTE P. "A Study of the Effects of Room Temperature on Learning." Ph.D. Iowa City, Iowa: University of Iowa, 1966.

IRCU 110 (899)

HANSEN, MAURICE W. "Procedures and Methods Used in Counseling and Guidance of the Gifted and Mentally Retarded in High School." M.S. Des Moines, Iowa: Drake University, 1966.

IRCU 111 (2118)

HARLAN, GRADY E. "A Comparison of Differences in Selected Characteristics Among High School Seniors, College Freshmen, Trade School Students, Technical School Students, and Business School Students." Ph.D. Iowa City, Iowa: University of Iowa, 1964.

IRCU 112 (1079)

HARVEY, CORA LUELLA. "The Effectiveness of a Local Daily Newspaper as a Means of Communicating School News to Parents." M.A.Ed. Cedar Falls, Iowa: University of Northern Iowa, 1964.

- IRCU 113 (1049)
HASH, VIRGINIA LARSON. "Perceptions of the Iowa School Counselor Concerning the Value of His Counselor Education in Relation to the Role He Performs." Specialist in Education Degree, Cedar Falls, Iowa: University of Northern Iowa, 1967.
- IRCU 114 (2004)
HAVENER, CHARLES P. "Part-time Cooperative Industrial Education as Viewed by Cooperating Employers in Ames, Marshalltown and Newton." M.Ed. Ames, Iowa: Iowa State University, 1966. 78 p.
- IRCU 115 (2029)
HAWLEY, KAREN SUE. "Economics of Collective Bargaining by Nurses." Industrial Relations Center, Ames, Iowa: Iowa State University, September, 1967. 180 p.
- IRCU 116 (2146)
HEADY, EARL O. and PETER ARCUS. "Manpower Requirements and Demand in Agriculture by Regions and Nationally, With Estimation of Vocational Training and Educational Needs and Productivity." Project No. 4, Contract No. O.E. 5-85-108. Ames, Iowa: Iowa State University, 1966.
- IRCU 117 (861)
HEISEY, HAROLD V. "Development of a Work-Study Program for the Indianola Community High School." M.S. Des Moines, Iowa: Drake University, 1967.
- IRCU 118 (529)
HEMESATH, MARK J. "The Organization and Administration of Guidance Services in the Adair-Casey Junior-Senior High School." M.S. Des Moines, Iowa: Drake University, 1962.
- IRCU 119 (1080)
HENDERSON, DONALD HENRY. "A Survey of In-Service Education Programs in Selected Public Senior High Schools in the State of Iowa." M.A. Ed. Cedar Falls, Iowa: University of Northern Iowa, 1966.
- IRCU 120 (2030)
HERMANSTORFER, JUDITH. "A Comparative Analysis of Surveys Taken in Iowa Public Schools in 1952 and 1962 Relative to the Status and Future of Cooperative Work-Experience Programs in Business Occupations." M.A. Cedar Falls, Iowa: University of Northern Iowa, 1963.
- IRCU 121 (955)
HERMSEN, JOSEPH A. "An Evaluation of the Guidance Services in the Newton Junior High Schools, 1966." M.S. Des Moines, Iowa: Drake University, 1967.
- IRCU 122 (447)
HINTON, MAXINE A. "Factors Related to the Eating Behavior and Selection of an Adequate Diet of Girls 12 to 14 Years of Age." Ph.D. Ames, Iowa: Iowa State University, 1962.
- IRCU 123 (862)
HOEKSTRA, ANTHONY. "An Evaluation of Parent-Teacher Conferences in the Pella Community Secondary School." M.S. Des Moines, Iowa: Drake University, 1967.

IRCU 124 (647)

HOERNER, THOMAS ALLEN. "Relations of High School Vocational Agriculture to Achievement in Agricultural Engineering Courses at the Iowa State University of Science and Technology." M.S. Ames, Iowa: Iowa State University, 1963. 80 p.

IRCU 125 (2101)

HOERNER, THOMAS ALLEN. "Factors Related to Employment of Iowa State University Graduates in Agricultural Education." Ph.D. Ames, Iowa: Iowa State University, 1965. 170 p.

IRCU 126 (2102)

HOLZ, ALFRED H. "Approved Livestock Production Practices Used by Farmers in Brookings County, South Dakota." Field Study, M.V. Ed. Ames, Iowa: Iowa State University, 1962. 65 p.

IRCU 127 (2031)

HORTON, MICHAEL WILLIAM. "The Effectiveness of the Mass-Production Technique in Achieving Selected Objectives for Industrial Arts." M.A. Cedar Falls, Iowa: University of Northern Iowa, 1960. 114 p.

IRCU 128 (2032)

HOWE, TREVOR GENE. "Pilot Study of Vocational-Technical Education in Twelve North Iowa Counties." Ph.D. Ames, Iowa: Iowa State University, 1963.

IRCU 129 (2147)

HOWE, TREVOR G. and KERMIT BUNTROCK. "Occupational Problems and Vocational Training Needs of High School Dropouts From Rural Areas in Iowa." Project No. 2, Contract No. O.E. 5-85-108. Ames, Iowa: Iowa State University, 1966.

IRCU 130 (2103)

HOYT, LINDLEY JOHN. "Competencies in Livestock Marketing Needed by Farmers." M.S. Ames, Iowa: Iowa State University, 1965. 120 p.

IRCU 131 (353)

INMAN, DELPHA MYRL. "Factors Influencing Job Satisfaction Among Operating Room Nursing Assistants in Fifty General Medical and Surgical Veterans Administration Hospitals." M.S. Des Moines, Iowa: Drake University, 1960.

IRCU 132 (2104)

IVERSON, ROGER DUANE. "Participant Response to the Teaching of Principles in a County Extension Agronomy School." M.S. Ames, Iowa: Iowa State University, 1964.

IRCU 133 (2105)

JABRO, SALIM H. "Curricula in Agricultural Education at the Land-Grant Colleges and State Universities in the United States." Ph.D. Ames, Iowa: Iowa State University, 1962. 270 p.

IRCU 134 (1082)

JACKSON, HAROLD JAMES. "Policies and Practices Involving Lesson Plans as Reported by Selected Iowa Educators." M.A. Ed. Cedar Falls, Iowa: University of Northern Iowa, 1965.

- IRCU 135 (905)
JAYCOX, ALICE EDNA. "Relation of Pupil Performance to His Conception of His Place in His Peer Group." M.S. Des Moines, Iowa: Drake University, 1966.
- IRCU 136 (2033)
JEFFERSON, ROBERT W. "A Study of the Career Patterns and Formal Education of Selected Managers of Illinois Limited Price Variety Stores." M.A. Cedar Falls, Iowa: University of Northern Iowa, 1963. 72 p.
- IRCU 137 (2034)
JEFFERSON, SALLY ANN WALLACE. "The Integration of Some Principles of Business Management into Beginning Bookkeeping Through the Use of Case Problems." M.A. Cedar Falls, Iowa: University of Northern Iowa, 1961. 54 p.
- IRCU 138 (533)
JESKE, CAROL AHRENS. "Experiences with Young Children of Seventh- and Eighth-Grade Pupils in Des Moines." M.S. Ames, Iowa: Iowa State University, 1963.
- IRCU 139 (2035)
JESS, MARTHA GARDNER. "Pupil Opinions of High School Guidance Programs." M.S. Ames, Iowa: Iowa State University, 1962. 68 p.
- IRCU 140
JOHNSON, MILDRED VIRGINIA. "Criteria for a Home Economics Organization in a School System." M.S. Ames, Iowa: Iowa State University, 1962.
- IRCU 141
JOHNSON, SANDRE NEISH. "Contacts With and Questions Concerning Children Reported by Senior High School Pupils in Iowa." M.S. Ames, Iowa: Iowa State University, 1965. 105 p.
- IRCU 142 (2087)
JOLLY, FRANK HENRY. "Floating Hydroelectric Generator for Undeveloped Regions." M.S. Ames, Iowa: Iowa State University, 1964.
- IRCU 143 (589)
KAHLER, ALAN ARNOLD. "Competencies in Agriculture Needed by Males Employed in Retail Farm Machinery Distribution." M.S. Ames, Iowa: Iowa State University, 1964. 201 p.
- IRCU 144 (678)
KAISER, MARY PHYLLIS. "Duties of Clerks in the Des Moines Independent Community Elementary Schools." M.S. Des Moines, Iowa: Drake University, 1961.
- IRCU 145 (637)
KALBFLEISCH, JUDY KAY. "Analysis of Home Economics Classroom Verbal Behavior." M.S. Ames, Iowa: Iowa State University, 1967.
- IRCU 146 (2148)
KALDOR, DONALD R. "Determinants of the Post-High School Educational and Occupational Choices of Iowa Farm Boys." Project No. 7, Contract No. O.E. 5-85-108. Ames, Iowa: Iowa State University, 1966.

IRCU 147 (732)

KELDERMAN, WAYNE A. "A Follow-Up of Former Students of the Pella, Iowa, Community High School as a Basis for Curriculum Improvement." M.S. Des Moines, Iowa: Drake University, 1961.

IRCU 148 (1083)

KELLERHALS, PAUL WILLIAM. "A Study of Selected Army Instructional Techniques and the Implications for Public Education." M.A. Ed. Cedar Falls, Iowa: University of Northern Iowa, 1964.

IRCU 149 (2036)

KEMMERER, JOSEPH WILLIAM. "Occupational Opportunities for High School Graduates in the Camanche-Clinton, Iowa, Area." M.S. Des Moines, Iowa: Drake University, 1962. 64 p.

IRCU 150 (733)

KENDALL, VERA B. "An Analysis of Student Problems at Benjamin Franklin Junior High School, Des Moines, 1959-1960." M.S. Des Moines, Iowa: Drake University, 1961.

IRCU 151 (1097)

KERR, ELIZABETH E. and DALE F. PETERSEN. "A Study of Practical Nurses Currently Licensed to Practice in Iowa But Not Presently Employed." Program in Health Occupations, Division of Medical Services, Iowa City: The University of Iowa, 1966. 53 p.

IRCU 152 (419)

KILBOURN, JESSIE MILLER. "Counselors' Opinions of Present Group Guidance Procedures in Iowa Public Junior High Schools of Three Hundred or More Enrollment." M.S. Des Moines, Iowa: Drake University, 1965.

IRCU 153 (2087)

KILLAM, JAMES PAUL. "Predictions of Achievement at Mainte Township High Schools in Selected Industrial Arts Areas." M.S. Ames, Iowa: Iowa State University, 1961.

IRCU 154 (399)

KINZIE, GALEN W. "Des Moines Technical High School Counselor's Manual." M.S. Des Moines, Iowa: Drake University, 1960.

IRCU 155 (2037)

KIRK, NORA. "A Follow-Up Study of the Business Education Graduates of the Central Community High School of Decatur County, Leon, Iowa." M.S. Des Moines, Iowa: Drake University, 1961. 61 p.

IRCU 156 (798)

KISER, JACK J. "Organization of a Guidance Program for the Junior-Senior High School of the Southeast Polk Community School District." M.S. Des Moines, Iowa: Drake University, 1964.

IRCU 157 (599)

KLOTZ, D. ELINORE. "Recognized Educational Needs Related to Marriage and Family Living of Twelfth-Grade Boys and Girls in Iowa." M.S. Ames, Iowa: Iowa State University, 1963.

IRCU 158 (963)

KNAPP, DALE L. "A Suggested Program for Group Guidance at the Junior High School Level." M.S. Des Moines, Iowa: Drake University, 1967.

IRCU 159

KOHLMANN, ELEANORE L. "Development of an Instrument to Determine Values of Homemakers." Ph.D. Ames, Iowa: Iowa State University, 1961.

IRCU 160 (2038)

KOMASA, NOEL JOSEPH. "Ratings of High School Course Areas by Farm Male Graduates in Nonfarm Occupations." M.S. Ames, Iowa: Iowa State University, 1961. 93 p.

IRCU 161 (1085)

KREGER, EUGENE CLAIR. "Performance of Institutionalized Students on the Minnesota Counseling Inventory." M.A. Ed. Cedar Falls, Iowa: University of Northern Iowa, 1964.

IRCU 162 (864)

KRUSE, WILLIAM RYAN. "Qualifications and Deficiencies of Beginning Office Workers in Selected Des Moines Industries." M.S. Des Moines, Iowa: Drake University, 1967.

IRCU 163 (1037)

KUTCHEN, FRANK JOHN, Jr. "Development of an Improved Group Guidance Program for Amos Hiatt Junior High School, Des Moines." M.S. Des Moines, Iowa: Drake University, 1966.

IRCU 164 (551)

LaFOLLETTE, CHARLES HERBERT. "Development of a Series of Eighth Grade Group Guidance Topics for the Bettendorf Junior High School." M.S. Des Moines, Iowa: Drake University, 1962.

IRCU 165 (2039)

LaFOLLETTE, MAURICE C. "Job Choice and Advanced Training of Fremont County High School Graduates." M.S. Des Moines, Iowa: Drake University, 1963. 68 p.

IRCU 166 (2039)

LaFOY, LARRIE D. "A Follow-Up Study of Business Graduates of the Perry, Iowa, High School for the Years 1956-1959 as a Basis for Improving the Perry Business Curriculum." M.A. Cedar Falls, Iowa: University of Northern Iowa, 1961. 86 p.

IRCU 167

LANGERMAN, PHILIP DUANE. "The Occupational Adjustment of 106 Releases from the Iowa Training School." M.S. Ames, Iowa: Iowa State University, 1963.

IRCU 168 (2003)

LAUDA, DONALD PAUL. "Factors Related to the Granting of College-University Credit for Trade and Industrial Experience in Institutions Offering Industrial Education." Ph.D. Ames, Iowa: Iowa State University, 1966. 106 p.

- IRCU 169 (592)
LAUGHLIN, JOAN M. "Professional Commitment of Seniors in College of Home Economics, Iowa State University." M.S. Ames, Iowa: Iowa State University, 1965. 129 p.
- IRCU 170 (2119)
LAURITZEN, PAUL. "Development of Scales to Measure Parental Attitudes Toward Education." Ph.D. Iowa City, Iowa: University of Iowa, 1964.
- IRCU 171 (910)
LeWARNE, GORDON. "The Adult Education Program of Mason City, Iowa." M.S. Des Moines, Iowa: Drake University, 1966.
- IRCU 172 (2150)
LEWIS, EDWIN C. and MARY HEISERMAN. "The Potential Contribution of Psychology to Interdisciplinary Research in Vocational-Technical Education." Project No. 6, Contract No. O.E. 5-85-108. Ames, Iowa: Iowa State University, 1966.
- IRCU 173 (652)
LINDSEY, LAVERNE YOUNG, "Values of Delegates Attending Two National Conventions." M.S. Ames, Iowa: Iowa State University, 1963.
- IRCU 174 (679)
LISCHER, SHIRLEY N. "A Follow-Up Study of Creston, Iowa, High School Graduates for 1955, 1957, and 1959." M.S. Des Moines, Iowa: Drake University, 1961.
- IRCU 175 (2137)
LITHERLAND, RONALD L. "The Iowa Tests of Educational Development as a Predictor of Academic Success in Iowa Schools of Professional Nursing." Ph.D. Iowa City, Iowa: University of Iowa, 1966.
- IRCU 176 (2120)
LIVERS, JR., DAVID LINN. "A Study of Relationships Between Selected Student Characteristics and Educational-Vocational Success of Students Attending Trade, Technical and Business Schools." Ph.D. Iowa City, Iowa: University of Iowa, 1963.
- IRCU 177 (619)
LOCKWOOD, LARRY LEE. "Competencies Needed by Males Engaged in Dairy Farming." M.S. Ames, Iowa: Iowa State University, 1964. 97 p.
- IRCU 178
LOGSDON, CELIA. "Practices Used in Planning and Evaluating Selected Adult Homemaking Programs in Iowa Schools." M.S. Ames, Iowa: Iowa State University, 1960.
- IRCU 179 (407)
LONG, STANLEY E. "Employment Opportunities Available for Irwin High School Graduates in the Harlan and Denison, Iowa, Areas." M.S. Des Moines, Iowa: Drake University, 1965.

IRCU 180 (2041)

LOWERY, PAUL J. "Skilled Needs Survey of All Employees of Four or More Persons Within the Area XI Community College District, Des Moines (Ankeny) 1967." 1967 4(a) research survey. 14 p.

IRCU 181 (2121)

LUCHT, WAYNE. "Creativity: A Study of Relationships." Ph.D. Iowa City, Iowa: University of Iowa. 1963.

IRCU 182 (2042)

LUCK, WILLIAM ERNEST. "An Experimental Comparison of Direct-and-Detailed Method and Directed-Discovery Method of Teaching Selected Automotive Topics to Senior High School Industrial Arts Students." Ph.D. Stillwater, Oklahoma: Oklahoma State University, 1966. 206 p.

IRCU 183 (802)

LYNCH, LYLIA M. "Practices Relating to the Rights and Responsibilities of Television Teachers in Selected School Districts." M.S. Des Moines, Iowa: Drake University, 1964.

IRCU 184 (435)

MABON, ELWOOD JACKSON. "Competencies in Agriculture Needed by Males Employed in Country Elevator Grain Marketing." M.S. Ames, Iowa: Iowa State University, 1964. 160 p.

IRCU 185 (2043)

MACREA, DONALD ALEXANDER. "A Study of the Status of Shorthand in the Public Secondary Schools of Iowa, with Special Reference to Dictation Standards in First-Year Shorthand in Selected Schools." Ph.D. Iowa City, Iowa: University of Iowa, 1962. 356 p.

IRCU 186 (2107)

MADRAMOOTOO, HARRY. "Rural Youth Clubs in Agricultural Extension in British Guiana." M.S. Ames, Iowa: Iowa State University, 1961.

IRCU 187 (2044)

MADSEN, DONNA LEE. "Proposed Guidelines for a Local Chapter of the Future Business Leaders of America." M.A. Cedar Falls, Iowa: University of Northern Iowa, 1965. 177 p.

IRCU 188 (502)

MALLES, KENNETH M. "A Follow-Up Study of the Maquoketa High School Graduates, 1955, 1956, 1957, 1958, and 1959." M.S. Des Moines, Iowa: Drake University, 1962.

IRCU 189 (1092)

MALONE, JR., FRANCIS E. "A Study of Students Enrolled in Post-High School Public Vocational Education." Ph.D. Iowa City, Iowa: University of Iowa, 1965.

IRCU 190 (2122)

MANATT, RICHARD PRICE. "Centralized Processing of Pupil Personnel Data for Iowa Schools." Ph.D. Iowa City, Iowa: University of Iowa, 1964.

IRCU 191 (398)

MANSFIELD, DOROTHY. "Source Material for Administrators on Orientation, Preschool and In-Service Activities for Teacher Education." M.A. Des Moines, Iowa: Drake University, 1960.

IRCU 192 (2123)

MANY, WESLEY ALLEN. "A Survey of Current Summer School Practices and Programs in Selected Schools Throughout the United States." Ph.D. Iowa City, Iowa: University of Iowa, 1963.

IRCU 193 (2045)

MATTKE, KEITH DUANE. "The Occupational Status of Vocational Day Trade Graduates from the Davenport Community Schools, Davenport, Iowa, for the Years 1960, 1961, and 1962." M.Ed. Ames, Iowa: Iowa State University, 1966.

IRCU 194 (567)

MAXWELL, ROBERT HAWORTH. "Competencies in Agriculture Needed by Males Employed in Wholesale Farm Machinery Distribution." M.S. Ames, Iowa: Iowa State University, 1964. 134 p.

IRCU 195 (2108)

MCCRACKEN, JOHN DAVID. "Relation of High School Vocational Agriculture to Achievement in College Courses in Agronomy." M.S. Ames, Iowa: Iowa State University, 1962. 77 p.

IRCU 196 (967)

MCDONOUGH, ANN C. "Group Counseling with Failing High School Students." M.S. Des Moines, Iowa: Drake University, 1967.

IRCU 197 (2109)

MC INTOSH, BOOKER T. "Farming Status of Negro Farmers in Charleston County, South Carolina." Field Study, M. V. Ed. Ames, Iowa: Iowa State University, 1962. 77 p.

IRCU 198 (970)

MEINTEL, PATRICIA. "An Analysis of Stress in First Clinical Practice." M.S. Des Moines, Iowa: Drake University, 1967.

IRCU 199 (2088)

MEYER, EDGAR M. "An Appraisal of the Algona High School Curricula Based on Questionnaires from Male Graduates Graduating in 1951 Through 1958." M.S. Ames, Iowa: Iowa State University, 1963.

IRCU 200 (2110)

MEYER, JAMES ALBERT. "Opportunities for Establishment of Young Men in Farming in Ankeny Community School District." Field Study, M.Ed. Ames, Iowa: Iowa State University, 1965. 59 p.

IRCU 201 (564)

MILLER, DIRK W. "Factors Affecting Occupational Choices of Seniors in Eight Iowa High Schools." M. Ed. Ames, Iowa: Iowa State University, 1963. 97 p.

- IRCU 202 (1063)
MILLER, LELAND D. "A Follow-Up Study of Former Students of the Cedar Falls Secondary Schools." M.A. Ed. Cedar Falls, Iowa: University of Northern Iowa, 1964.
- IRCU 203 (621)
MILLER, NORMAN EARL. "The Status of Vocational Guidance in Selected Iowa Public High Schools, 1964-1965." M.S. Des Moines, Iowa: Drake University, 1965.
- IRCU 204 (2046)
MILLER, WALTER NELSON. "A Study of the Industrial Arts Education Courses Offered and Enrollment in Iowa High Schools." M. Ed. Ames, Iowa: Iowa State University, 1966.
- IRCU 205 (2111)
MITSCHLE, WALTER. "Competencies in Animal Science Needed by Vocational Agriculture Instructors." M.S. Ames, Iowa: Iowa State University, 1965. 100 p.
- IRCU 206 (2124)
MIZER, ORRIN J. "A Study of the Use of Tape Recordings as a Substitute for Classroom Observations in Teacher Education." Ph.D. Iowa City, Iowa: University of Iowa, 1964.
- IRCU 207 (2047)
MOORE, DARRELL GENE. "A Survey of Basic Drawing Needs of High School Students as Reported by Engineers and Draftsmen." M.S. Ames, Iowa: Iowa State University, 1961.
- IRCU 208 (2048)
MORGAN, LEOLA. "An Evaluation of the Office Practice Course of the Corydon, Iowa, High School." M.S. Des Moines, Iowa: Drake University, 1960. 85 p.
- IRCU 209 (1003)
MORRISON, HELEN W. "Characteristics Held in Common by a Group of Underachieving Students with High Ability." M.S. Des Moines, Iowa: Drake University, 1967.
- IRCU 210 (2125)
MUELLER, RICHARD J. "A Follow-Up Comparison of Post-High School Success of Match-High School Dropouts and Graduates." Ph.D. Iowa City, Iowa: University of Iowa, 1963.
- IRCU 211 (2049)
MUKAI, TERNO. "The Status of Industrial Arts in Hawaii." M.A. Cedar Falls, Iowa: University of Northern Iowa, 1961. 69 p.
- IRCU 212 (2050)
NASH, MARION JOHN. "Relationship Between Scores on the Clerical Portion of the Differential Aptitude Tests and Ability to Attain High Speeds in Typewriting." M.S. Des Moines, Iowa: Drake University, 1963. 31 p.
- IRCU 213 (664)
NEIGHBORS, ROBERT EUGENE. "The Use of the Core Curriculum, Block-Time Classes and Team Teaching in the Junior High Schools of Iowa." M.S. Des Moines, Iowa: Drake University, 1962.

- IRCU 214 (426)
NEWTON, MELVIN F. "Factors Influencing the Occupational Choices of Farm-Reared Male Graduates of Newton High School." M.S. Ames, Iowa: Iowa State University, 1961. 89 p.
- IRCU 215 (2051)
NICHOLS, ROGER SABIN. "The Objectivity of Occupational Choices of Some High School Students and Graduates." M.A. Ed. Cedar Falls, Iowa: University of Northern Iowa, 1965. 79 p.
- IRCU 216 (2127)
NICHOLSON, GLEN I. "Factors Associated With the Choice of College by Iowa Public High School Graduates." Ph.D. Iowa City, Iowa: University of Iowa, 1963.
- IRCU 217 (2089)
NICKERSON, GENE ARTHUS. "Reduction of the Noise Level from the Tilting Arbor Table Saw." M.S. Ames, Iowa: Iowa State University, 1962.
- IRCU 218 (604)
NIELSEN, LORRAINE THOMPSON. "Personal-Social Problems Recognized by Iowa Pupils in Grades 7-12." M.S. Ames, Iowa: Iowa State University, 1960.
- IRCU 219
NORTHEY, WILLA V. "Differentiation Among First-Year Homemaking Teachers by Students' Estimates of Teacher Concern." M.S. Ames, Iowa: Iowa State University, 1961.
- IRCU 220 (2052)
OBRECHT, DIANE CLAUSSEN. "The Preparation Provided in High School Secretarial Practice Courses for the Duties of Educational Secretaries." M.A. Cedar Falls, Iowa: University of Northern Iowa, 1961. 79 p.
- IRCU 221 (598)
OLNEY, GARY L. "A Follow-Up Study of Des Moines Technical High School Dropouts." M.S. Des Moines, Iowa: Drake University, 1964.
- IRCU 222 (661)
OLSON, ARTHUR B. "A Follow-Up Study of the 1948, 1949, and 1950 Graduates of Algona High School, Algona, Iowa." M.S. Des Moines, Iowa: Drake University, 1962.
- IRCU 223 (428)
OTT, PATRICIA SUZANNE. "Reliability and Extent of Discrimination Among Homemaking Teachers for Measurement of Teacher-Pupil Rapport and Class Achievement." M.S. Ames, Iowa: Iowa State University, 1963.
- IRCU 224 (811)
OVERGAARD, KERMIT DUANE. "The Two Year Electronics Program at Bolsa Grande High School, Garden Grove, California." M.S. Des Moines, Iowa: Drake University, 1964. 43 p.
- IRCU 225 (2138)
PALLETT, JAMES E. "Definition and Prediction of Success in the Business World." Ph.D. Iowa City, Iowa: University of Iowa, 1965.

IRCU 226 (918)

PALMER, DONALD CLIFTON. "The Prediction of Success in Training for Business Programming Students." M.S. Des Moines, Iowa: Drake University, 1966.

IRCU 227 (2090)

PARKINSON, RICHARD CARROLL. "A Study of Curriculum Programs for the Below Average Students in Three Iowa High Schools." M.S. Ames, Iowa: Iowa State University, 1964.

IRCU 228 (500)

PARR, LAWRENCE RONALD. "Attitude Toward Public Education Since Sputnik as Expressed in Popular Lay Magazines." M.S. Des Moines, Iowa: Drake University, 1962.

IRCU 229 (872)

PETERSON, PAT P. "A Comparison of High School Graduates and School Dropouts Enrolled in the Polk County Neighborhood Youth Corps." M.S. Des Moines, Iowa: Drake University, 1967.

IRCU 230

PETRICH, BEATRICE A. "Beliefs About Families of Junior High School Pupils Differing in Cognitive, Social, and Demographic Characteristics." Ph.D. Ames, Iowa: Iowa State University, 1965. 113 p.

IRCU 231 (2053)

PFEIFF, THEODORE HARLAN. "History of Industrial Arts in the Public Schools of Davenport, Iowa." M.S. Ames, Iowa: Iowa State University, 1961.

IRCU 232 (326)

PLOGHOFT, RACHEL E. "Recent Trends in the Use of Teacher Aides." M.S. Des Moines, Iowa: Drake University, 1960.

IRCU 233 (812)

PORTER, MARIE J. "Use of Programmed Materials and/or Teaching Machines in Seventy-Two Iowa Schools During 1962 and 1963." M.S. Des Moines, Iowa: Drake University, 1964.

IRCU 234 (2054)

POWELL, THOMAS RAYMOND. "Factors Related to Employment Opportunities in Retail Fertilizer Distribution in Iowa." M.S. Ames, Iowa: Iowa State University, 1965. 86 p.

IRCU 235 (2055)

PREHM, NORMA MARIE. "The Vocational Guidance Role of the Business Teacher in Iowa Public Secondary Schools." M.A. Cedar Falls, Iowa: University of Northern Iowa, 1964. 73 p.

IRCU 236 (2056)

PRIOR, AURELIA LOU ELMA. "Organization and Operation of Clerical and Secretarial Laboratories in Iowa Secondary Schools." M.A. Cedar Falls, Iowa: University of Northern Iowa, 1964. 89 p.

IRCU 237 (2139)

RAILSBACK, CHARLES E. "A Comparison of the Reliability and Validity of Two Types of Criterion Measures for the Evaluation of Instruction." Ph.D. Iowa City, Iowa: University of Iowa, 1965.

IRCU 238 (874)

REINHARDT, KEITH GORDON. "Public Relations Activities in the Adair-Casey Community Schools." M.S. Des Moines, Iowa: Drake University, 1967.

IRCU 239 (2140)

RHATIGAN, JAMES J. "The Professional Preparation of Student Personnel Administrators as Perceived by Practitioners and Faculty-Trainers." Ph.D. Iowa City, Iowa: University of Iowa, 1965.

IRCU 240

RICE, JAMES A. "The Relationship of Auditory Recall to Intelligence and to Achievement in Educable Mental Retardates." M.A. Iowa City, Iowa: University of Iowa, 1966.

IRCU 241 (852)

RICHARDSON, JERRY LEON. "A Comparison of Manipulative Dexterity of Educable Mentally Retarded and Normal Twelve to Sixteen Year-Old Boys." M.S. Des Moines, Iowa: Drake University, 1964.

IRCU 242 (2091)

RICKEY, FRANK BURDETTE. "Industrial Education Graduate Programs in Selected Colleges and Universities." M.S. Ames, Iowa: Iowa State University, 1961.

IRCU 243 (1069)

RIXEN, WALTER ARTHUR. "The Identification of the Power Structure in the LaPorte City, Iowa, Community School District." M.A. Ed. Cedar Falls, Iowa: University of Northern Iowa, 1964.

IRCU 244 (659)

ROBINSON, JR., FRANK B. "Relationships of Three Factors Concerning Machine Students." M.S. Des Moines, Iowa: Drake University, 1962. 66 p.

IRCU 245 (649)

ROBINSON, NORMAN LYLE "Competencies in Farm Machinery Maintenance Needed by Farmers." M.S. Ames, Iowa: Iowa State University, 1964. 88 p.

IRCU 246 (633)

ROBINSON, TED RICHARD. "Factors Related to the Occupations of Iowa Farm Male High School Graduates." Ph.D. Ames, Iowa: Iowa State University, 1964. 257 p.

IRCU 247 (2057)

ROGERS, FRANK MARSHALL. "A Preliminary Survey of Parents, Students, Teachers, and School Administrators of Knoxville, Iowa, to Determine the Possibilities of Initiating a Distributive Education Program in the Community." M.A. Cedar Falls, Iowa: University of Northern Iowa, 1962. 106 p.

- IRCU 248 (1070)
ROGERS, RICHARD ROSS. "Self-Other Perceptions of Faculty Duties Related to the Provision of Guidance Services in the Riverside High School, Sioux City, Iowa." M.A. Ed. Cedar Falls, Iowa: University of Northern Iowa, 1964.
- IRCU 249 (753)
ROSSOW, MAYNARD DALE. "Factors Associated with a Proposed Office Machines Course in the Fort Dodge Senior High School, Fort Dodge, Iowa." M.S. Des Moines, Iowa: Drake University, 1965.
- IRCU 250 (2058)
ROWE, KENNETH LEROY. "An Iowa Supplement Correlated with Applied Business Law, Seventh Edition." Fisk and Snapp. M.A. Cedar Falls, Iowa: University of Northern Iowa, 1960. 78 p.
- IRCU 251 (1072)
ROZENDAAL, JULIA JANE. "Work-Study Programs for Educable Mentally Retarded Students of Secondary School Age in Fifteen Public Schools of Iowa." M.A. Ed. Cedar Falls, Iowa: University of Northern Iowa, 1965.
- IRCU 252 (445)
RYAN, MILDRED B. "Perceptions of County Extension Home Economics Committees of Their Responsibilities and Experiences." M.S. Ames, Iowa: Iowa State University, 1965.
- IRCU 253 (2059)
RYERKERK, DONALD ADRIAN. "A Study of the Graduates of the Mason City, Iowa, High School Trades and Industry Program." M.Ed. Ames, Iowa: Iowa State University, 1965.
- IRCU 254 (2060)
RYERSON, D. THOMAS. "Student Self-Evaluation in Junior High School Industrial Arts." M.A. Cedar Falls, Iowa: University of Northern Iowa, 1964. 109 p.
- IRCU 255 (853)
SALLADE, CHARLES RONALD. "Group-Guidance Practices in Selected Iowa Secondary Schools." M.S. Des Moines, Iowa: Drake University, 1964.
- IRCU 256 (2061)
SALMON, WILLIAM C. "Rank in Class and Occupational Choice, Madrid High School Graduates, 1943, 1948, 1953, and 1958." M.S. Des Moines, Iowa: Drake University, 1960. 50 p.
- IRCU 257 (2062)
SAMSON, HARLAND E. "Critical Requirements for Distributive Education Teacher- Coordinators." Ph.D. Minneapolis, Minnesota: University of Minnesota, 1964. 300 p.
- IRCU 258 (2130)
SANBORN, MARSHALL PHILLIP. "The Relative Effectiveness of Four High School Guidance Programs as Measured by Four Criteria." Ph.D. Iowa City, Iowa: University of Iowa, 1963.

IRCU 259 (695)

SANKEY, SHERWIN C. "The Effect of Core Choice on the Academic Achievement of Selected Students at Des Moines Technical High School." M.S. Des Moines, Iowa: Drake University, 1961.

IRCU 260 (434)

SAUPE, WILLIAM EDWARD. "Farm Record Analyses as Source of Farm Management Guides." M.S. Ames, Iowa: Iowa State University, 1961. 81 p.

IRCU 261 (980)

SCAVO, VINCENT CHARLES. "Guidance Functions and Procedures in the Homerooms of Five Class AA Secondary Schools in Iowa." M.S. Des Moines, Iowa: Drake University, 1967.

IRCU 262 (656)

SCHMIDT, GERALD J. "Relation of High School Vocational Agriculture and Science to Achievement in the College of Agriculture." M.S. Ames, Iowa: Iowa State University, 1961. 88 p.

IRCU 263 (2131)

SCHMIEDING, ORVILLE AUGUST. "An Investigation of the Efficacy of Counseling with Failing Junior High School Students." Ph.D. Iowa City, Iowa: University of Iowa, 1963.

IRCU 264 (754)

SCHNELLE, WILLIAM JUNIOR. "Shop Safety as Practiced in Selected Iowa High Schools." M.S. Des Moines, Iowa: Drake University, 1965.

IRCU 265 (2006)

SCHULTZ, RICHARD HENRY. "A Study of Fifteen Public Post-High School Vocational and Technical High Schools in Iowa During the 1964-1965 School Year." M.A. Iowa City, Iowa: University of Iowa, 1966.

IRCU 266 (2063)

SCHULZ, CHARLES EDWARD. "Organization and Administration of Industrial Education Adult Evening Schools." M.S. Ames, Iowa: Iowa State University, 1962.

IRCU 267 (1026)

SCHWARTZ, DOLLE. "Occupational References in Selected Elementary Reading Series and a Comparison with a Standard Job Classification." M.S. Des Moines, Iowa: Drake University, 1966.

IRCU 268

SCHWARTZ, PATRICIA MC COLLY. "Relation of Certain Variables to Concepts of Home Economics Held by High School Senior Girls." M.S. Ames, Iowa: Iowa State University, 1963.

IRCU 269 (2064)

SCHWARZ, JAMES PATRICK. "A Survey of Industrial Education Drafting Offerings of Mississippi Valley Colleges and Universities." M. Ed. Ames, Iowa: Iowa State University, 1965.

- IRCU 270 (1088)
SCHWIEGER, CHARLOTTE DOROTHEA. "Experiences of Iowa Junior High School Pupils in the Area of Family Housing." M.S. Ames, Iowa: Iowa State University, 1966. 136 p.
- IRCU 271 (2065)
SCOTT, RAYMOND WILLIAM. "Industrial Arts and General Agriculture Program of the Hemingford, Nebraska, High School." M.S. Ames, Iowa: Iowa State University, 1960.
- IRCU 272 (2150)
SCRUGGS, MARGUERITE and MARY FERN SOUDER. "Interrelationship of Home Environment and Employment." Project No. 3. Contract No. O.E. 5-85-108. Ames, Iowa: Iowa State University, 1966.
- IRCU 273 (2066)
SEAVER, MARY F. "A Survey to Determine the Value of Shorthand as a Part of Business Education in the High Schools in Des Moines." M.S. Des Moines, Iowa: Drake University, 1960. 36 p.
- IRCU 274 (1086)
SEIGLER, CLAUDE I. "Engineering Drafting Needs as Indicated by Selected Iowa Industries and Engineering Firms." M.S. Ames, Iowa: Iowa State University, 1967.
- IRCU 275
SHELLABARGER, SANDRA S. "Beliefs, Problems and Practices of Iowa Homemaking Teachers Related to Teacher-Pupil Conferences." M.S. Ames, Iowa: Iowa State University, 1965. 119 p.
- IRCU 276 (2132)
SHERIFF, DON R. "An Inquiry into Administrative Behavior in Three Service Organizations." Ph.D. Iowa City, Iowa: University of Iowa, 1965.
- IRCU 277 (1095)
SHERIFF, DON R. "A Survey of Employee Selection and Training in Iowa Manufacturing Firms with 100 Employees or More." Iowa City, Iowa: University of Iowa, 1966. Monograph Series No. 4, Center for Labor and Management, College of Business Administration.
- IRCU 278 (2067)
SHEW, CAROLYN BURD. "The Effect of Background Music on Performance in Second-Semester Typewriting in the Paseo High School, Kansas City, Missouri." M.A. Cedar Falls, Iowa: University of Northern Iowa, 1963. 65 p.
- IRCU 279 (2068)
SILLIMAN, BENJAMIN DUANE. "Predicting Achievement in Mechanical Drawing." M.S. Ames, Iowa: Iowa State University, 1961.
- IRCU 280
SKINNER, JANET A. "Differentiation Among Homemaking Teachers in Establishing Rapport with Seventh- and Eighth-Grade Pupils." M.S. Ames, Iowa: Iowa State University, 1963.

- IRCU 281 (821)
SMITH, CHANDOS CLAYTON. "Preparation of a Counselor's Handbook for Des Moines Technical High School." M.S. Des Moines, Iowa: Drake University, 1964.
- IRCU 282 (611)
SMITH, GERTRUDE C. "Homemakers' Difficulties and Sources of Information in Home Economics." M.S. Ames, Iowa: Iowa State University, 1966.
- IRCU 283 (820)
SOBOTKA, ELBERT. "An Appraisal of Selected Areas of the Southeast Warren Community High School Curriculum Including a Follow-Up of the Graduates from 1961 Through 1964." M.S. Des Moines, Iowa: Drake University, 1964.
- IRCU 284 (666)
SOUDER, MARY FERN VANPOOL. "Exploratory Study of Relationships Between Selected Aspects of Home Environment and Employment Criteria of the Husband." Ph.D. Ames, Iowa: Iowa State University, 1967.
- IRCU 285 (2069)
SOUTH, THOMAS LEE. "An Evaluation of the High School Industrial Education Program of the Perry High School, Perry, Iowa." M.S. Ames, Iowa: Iowa State University, 1964.
- IRCU 286 (2070)
SOUTTER, FLORENCE ELIZABETH. "Teaching Methods in Typewriting with Recommended Instructional Practices Based on Psychological Principles of Skill Learning." M.S. Des Moines, Iowa: Drake University, 1960. 74 p.
- IRCU 287 (927)
SPURLIN, RONALD G. "Released Time Practices for In-Service Teacher Education Programs Utilized by Public Schools in Iowa." M.S. Des Moines, Iowa: Drake University, 1966.
- IRCU 288 (1073)
STANARD, DAVID CLAIR. "A Validation Study of a Teacher Evaluation Instrument." M.A. Ed. Cedar Falls, Iowa: University of Northern Iowa, 1964.
- IRCU 289 (2133)
STEBBINS, MELVIN E. "A Procedure for Assessing Degree of Communication in the Counseling Interview and Its Application in the Secondary-School Setting." Ph.D. Iowa City, Iowa: University of Iowa, 1964.
- IRCU 290 (2071)
STOCK, WILLIAM EARL. "Industrial-Arts Objectives and Course Content for the Junior High School." M.A. Cedar Falls, Iowa: University of Northern Iowa, 1961. 109 p.
- IRCU 291 (2072)
STOCKER, DONALD JAMES. "A Comparative Analysis of the Occupational Choices of Eighth and Twelfth Grade Students of the Kingsley-Pierson Community School." M.S. Des Moines, Iowa: Drake University, 1963. 51 p.

- IRCU 292 (2073)
 SUNNER, BARBARA KINDWALL. "An Analysis of Number-and-Symbol-Key Presentation in Typewriting--with Emphasis on Presenting Top-Row and Alphabetic Keys Simultaneously." M.A. Cedar Falls, Iowa: University of Northern Iowa, 1964. 148 p.
- IRCU 293 (2134)
 SWAN, HOWARD A., Jr. "Attitudes of Secondary School Students in Iowa." Ph.D. Iowa City, Iowa: University of Iowa, 1965.
- IRCU 294 (650)
 SWANSON, ROBERT MAGNI. "Opportunities for Establishment of Young Farmers in the Marengo, Iowa, Community." M.S. Ames, Iowa: Iowa State University, 1961. 59 p.
- IRCU 295 (2074)
 SWENSON, JERROLD LEROY. "Occupational Survey of Storm Lake, Iowa, with Implications for Vocational Education." M.S. Ames, Iowa: Iowa State University, 1966.
- IRCU 296 (2075)
 SYHLMAN, BILL DUANE. "A Business Survey of Iowa Falls, Iowa, to Assist in the Revision of the High School Business Education Curriculum." M.A. Cedar Falls, Iowa: University of Northern Iowa, 1961. 193 p.
- IRCU 297 (630)
 TARMAN, VERA ANN. "An Appraisal of the Hotel Restaurant Training Program at Des Moines Technical High School." M.S. Des Moines, Iowa: Drake University, 1962. 45 p.
- IRCU 298 (707)
 TEXTOR, RICHARD WAYNE. "Appraisal of the Bayard Community High School Curriculum by Graduates of 1957 to 1961." M.S. Des Moines, Iowa: Drake University, 1962.
- IRCU 299 (2076)
 THOMAS, DONALD DEAN. "Factors That Influence an Eighth Grade Student's Choice of the Industrial Education Field of Study in Davenport's High Schools." M. Ed. Ames, Iowa: Iowa State University, 1966.
- IRCU 300 (933)
 VANDE WALL, MARION. "A Proposed Course of Computer Training for Teachers in Polk County, Iowa." M.S. Des Moines, Iowa: Drake University, 1966.
- IRCU 301 (2141)
 VAN DUSSELDORP, RALPH A. "A Study of Methods of Gathering Data for the Iowa State Department of Public Instruction." Ph.D. Iowa City, Iowa: University of Iowa, 1965.
- IRCU 302 (934)
 VAN EKERAN, BERTA W. "The Status of Guidance Programs in the Sixteen Iowa Public Junior and Community Colleges." M.S. Des Moines, Iowa: Drake University, 1966.

- IRCU 303 (2092)
VAN FOSSEN, LARRY DEAN. "Adoption of New Corn Storage Methods in Iowa." M.S. Ames, Iowa: Iowa State University, 1962.
- IRCU 304 (532)
VANLOH, FREDERICK ALVIN. "Competencies in Agriculture Needed by Males Employed in Retail Fertilizer Distribution." M.S. Ames, Iowa: Iowa Staet University, 1964. 110 p.
- IRCU 305 (2077)
VAN OMMEREN, IVAN DALE. "Vocational-Technical Education in Four Northwest Iowa Counties." M.S. Ames, Iowa: Iowa State University, 1963. 92 p.
- IRCU 306 (774)
VAN SICKLE, DORIS HOFER. "Follow-Up Study of Ninth Grade Personal-Use Type-writing Students of the Newton Community High School." M.S. Des Moines, Iowa: Drake University, 1965. 76 p.
- IRCU 307 (682)
VAN TRESS, TERRY. "Evaluation of the Objectives of a Proposed Plan for Combining the Resources of Commercial Colleges for Training Programmers in Automated Business Machines." M.S. Des Moines, Iowa: Drake University, 1961. 83 p.
- IRCU 308 (359)
VEGORS, AURILLA P. "Cooperative Training and Work Experience Programs in the Ames Senior High School." M.S. Des Moines, Iowa: Drake University, 1960. 48 p.
- IRCU 309 (986)
VENABLES, WILLIAM KENDRICK. "A Follow-Up Study of Computer Maintenance Graduates, 1965 and 1966, From Iowa Tech, Ottumwa." M.S. Des Moines, Iowa: Drake University, 1967.
- IRCU 310
WACHTEL, MARILYN F. "Ability of Rapport Inventory and Achievement Tests to Differentiate Among Homemaking Teachers." M.S. Ames, Iowa: Iowa State University, 1963.
- IRCU 311 (2078)
WAGNER, GERALD E. "A Selected Bibliography of Texts and Instructional Materials in Electronic Data Processing Prepared with the Use of Electronic Data Processing." M.A. Cedar Falls, Iowa: University of Northern Iowa, 1963. 137 p.
- IRCU 312 (193)
WALLACE, JACK D. "Business Education Trends in Accredited Iowa High Schools, 1960-1961." M.S. Des Moines, Iowa: Drake University, 1961. 70 p.
- IRCU 313 (2080)
WALLIS, DONALD E. "A Follow-Up Study of Former Senior High Industrial Arts Students at Belle Plaine, Iowa." M.A. Cedar Falls, Iowa: University of Northern Iowa, 1960. 64 p.

- IRCU 314 (2142)
WALSH, W. BRUCE. "Validity of Self-Report." Ph.D. Iowa City, Iowa: University of Iowa, 1965.
- IRCU 315 (1043)
WANER, GENE JOSEPH. "Handbook for Adult High School Credit Program at Des Moines Technical High School." M.S. Des Moines, Iowa: Drake University, 1966.
- IRCU 316 (2093)
WARE, CLYDE HOMER. "Factors Affecting Student Withdrawal from Fort Dodge Senior High." M.S. Ames, Iowa: Iowa State University, 1963.
- IRCU 317 (738)
WATERS, RICHARD M. "A Comprehensive Study of the Cadre Training Program, Woodward State Hospital-School, Woodward, Iowa, 1958-1965." M.S. Des Moines, Iowa: Drake University, 1965.
- IRCU 318 (739)
WATTS, LA VELLE. "The Development of a Guidance Program for the North Tama County Community High School, Traer, Iowa." M.S. Des Moines, Iowa: Drake University, 1965.
- IRCU 319 (438)
WEED, JOSEPH BERNARD. "Factors Related to Present Occupation of Male High School Graduates of Glidden-Ralston Community High School." M.S. Ames, Iowa: Iowa State University, 1963. 115 p.
- IRCU 320 (2081)
WEEDE, GARY DEAN. "Noise Reduction of Circular Saw Blades by Controlled Air." M.S. Ames, Iowa: Iowa State University, 1963.
- IRCU 321 (2005)
WEEDE, GARY DEAN. "Electronic Technician Personnel and Training Needs of Iowa Industries." Ph.D. Ames, Iowa: Iowa State University, 1967. 125 p.
- IRCU 322
WIGGERS, M. VIRGINIA STANLEY. "Factors Related to School Achievement, Comparison of Tenth Grade Enrollees with Non-Enrollees in Home Economics." M.S. Ames, Iowa: Iowa State University, 1960.
- IRCU 323 (775)
WILLIAMS, ROGER. "A Follow-Up Study of Eagle Grove Community High School Graduates of 1955, 1957, 1959, and 1961." M.S. Des Moines, Iowa: Drake University, 1965.
- IRCU 324 (1091)
WILSON, THOMAS F. "A Survey of the 'Dropouts' from the 1960-1961 Freshman Class at the University of Northern Iowa." M.A. Cedar Falls, Iowa: University of Northern Iowa, 1967.

IRCU 325 (2082)

WOLLENHAUPT, JANET K. "Follow-Up of Iowa Students Who Studied Typewriting in Junior High School." M.S. Des Moines, Iowa: Drake University, 1962. 61 p.

IRCU 326 (640)

WYATT, WINDOL LEE. "Occupational Status of Former 'Chapter' and 'State Farmers' in the Iowa Association of Future Farmers of America." M.S. Ames, Iowa: Iowa State University, 1961. 115 p.

IRCU 327 (414)

YOCOM, BETTY M. "Interests of High School Girls Planning or Not Planning to Major in Home Economics in College." M.S. Ames, Iowa: Iowa State University, 1965. 73 p.

IRCU 328 (612)

YODER, GERTRUDE C. "Experiences with Clothing of Eighth Grade Girls, Ames, Iowa." M.S. Ames, Iowa: Iowa State University, 1965. 73 p.

IRCU 329 (1078)

ZECH, JAMES C. "The Kuder Preference Record as a Predictor of Occupational Choice." M.A. Ed. Cedar Falls, Iowa: University of Northern Iowa, 1964. 44 p.

S U B J E C T I N D E X

Abstract Numbers

ADMINISTRATION	1, 16, 33, 83, 173, 190, 239, 243, 250, 301
ADULT EDUCATION	18, 171, 266
AGRICULTURE AND RELATED	2, 19, 21, 27, 38, 52, 58, 91, 97, 108, 116, 124, 125, 126, 130, 132, 143, 146, 177, 184, 186, 187, 194, 195, 197, 200, 205, 245, 246, 260, 271, 294, 303, 304, 326
AUTOMATION	8, 15, 17, 142
BUILDING AND EQUIPMENT	31, 109
BUSINESS EDUCATION	30, 49, 73, 74, 77, 96, 107, 120, 136, 155, 162, 185, 212, 220, 226, 236, 249, 273, 278, 286, 292, 306, 312, 325
COMMUNITY RESOURCES	4, 9, 20
CORE PROGRAM	259
CURRICULUM	7, 35, 55, 64, 69, 90, 119, 133, 134, 147, 148, 163, 181, 189, 192, 213, 224, 227, 228, 233, 262, 265, 298
DATA PROCESSING	311
DISTRIBUTIVE EDUCATION	113, 166, 247, 257
DROPOUTS (Student Characteristics)	36, 43, 93, 104, 129, 229, 316, 323
EVALUATION	12, 48, 57, 72, 78, 95, 99, 102, 160, 166, 198, 208, 225, 226, 237, 288, 297, 307, 314, 317, 324

SUBJECT INDEX (Continued)

Abstract Numbers

FOLLOW-UP	14, 34, 41, 50, 56, 57, 70, 114, 165, 166, 167, 174, 188, 193, 199, 202, 210, 221, 222, 253, 306, 309, 313, 319
GUIDANCE	5, 24, 28, 40, 42, 46, 61, 67, 76, 81, 110, 111, 113, 118, 121, 139, 146, 152, 156, 158, 161, 164, 172, 176, 196, 203, 209, 216, 235, 241, 248, 255, 258, 261, 263, 267, 272, 289, 293, 302, 318
HANDBOOKS, MANUALS	47, 154, 281, 315
HEALTH RESEARCH	115, 131, 151
HOME ECONOMICS EDUCATION	6, 10, 22, 37, 39, 44, 53, 54, 62, 65, 84, 87, 89, 94, 122, 137, 138, 140, 141, 145, 157, 159, 169, 178, 218, 219, 223, 230, 252, 268, 270, 272, 275, 280, 282, 284, 310, 322, 327, 328
INDUSTRIAL ARTS	80, 82, 85, 88, 127, 153, 182, 204, 211, 217, 231, 242, 244, 254, 279, 285, 290, 299, 313
LIBRARY	9
PARENTS AND TEACHERS	13, 51, 123
PERSONNEL Nonprofessionals	144, 232
PUBLIC RELATIONS	29, 45, 97, 112, 238
SOCIAL ADJUSTMENT	105, 135, 150, 218
SPECIAL EDUCATION Mental Retard	240
STUDENT CHARACTERISTICS (See DROPOUTS)	76, 129

SUBJECT INDEX (Continued)

Abstract Numbers

STUDENT INTERESTS

23, 26, 59, 103, 201, 214, 215, 256, 291

SURVEYS

Manpower and Training Needs

71, 92, 101, 128, 149, 179, 180, 207, 234,
274, 277, 295, 321

TEACHER EDUCATION

11, 25, 32, 37, 66, 106, 168, 183, 191, 206,
287, 300

TESTING

3, 60, 100, 170, 175, 314, 329

TRADE & INDUSTRY

15, 16, 33, 63, 86, 113, 116, 168, 172, 189,
264, 265, 269, 305, 308

WORK-STUDY PROGRAMS

117, 251

STATE LIBRARY OF IOWA



3 1723 02093 4196