

# INSTRUCTIONS

For Doctoral Dissertation Agreement Form. Please complete this agreement carefully, so that your dissertation can be published as rapidly as possible. Please type or print, and look through the following instructions for explanations concerning the Agreement Form.

**ITEM 1:** Full name. This should be identical to the name on your title page, since your name will be used to access your dissertation in the database.

**ITEM 3:** Future mailing address. This is the address at which you can be reached after you have completed your degree requirements. It will be used in mailing any royalties due from the sale of your dissertation.

**ITEM 4:** Please enter university name, plus college or department within the university. For example: Harvard University, School of Divinity.

**ITEM 8:** Dissertation title. The words used in the title of your dissertation are the access points for researchers who may use computerized keyword searching techniques to identify works in various subject areas. The words in your title should be selected carefully to represent as accurately as possible the subject content of your dissertation.

The published title will be upper/ lower case. To ensure accuracy, the author should include all appropriate accents or diacritical marks.

Authors of scientific and engineering dissertations should use word substitutes for formulas, symbols, and superscripts or subscripts, Greek letters, etc. For example, "Metabolic relationships of P<sub>i</sub> and K<sup>+</sup> uptake mechanisms in snap bean (*P. vulgaris*) roots" should be written "Metabolic relationships of inorganic phosphate and potassium uptake mechanisms in snap bean (*Phaseolus vulgaris*) roots."

**ITEM 9:** Additional keywords. If retrieval of your dissertation would be enhanced, you may add up to five keywords. For example, geographical locations or scientific names not mentioned in your title or abstract might be listed.

**ITEM 10:** Dissertation subject category. Select from the "Subject Categories" list on page A3 the category related to the discipline and content of your dissertation, under which you wish to have your abstract published. Enter the corresponding four-digit code and the category name. If you wish, you may indicate additional subject codes and categories that would enhance electronic retrieval.

**ITEM 12:** UMI Dissertation Publishing will file, on your behalf, an application for registration of a claim of copyright for your dissertation. Please complete the "Authorization to Apply for Registration of My Claim to Copyright" section on page A5. The certificate of registration will be mailed to you by the Copyright Office approximately six to eight weeks after we receive your dissertation for publication. This service is available only for authors publishing their dissertations with UMI Dissertation Publishing.

If your dissertation has been previously published and is registered with the Copyright Office, please enter the copyright notice on the back of the form, exactly as it appears in the previously published edition.

If you have any questions as you complete this form, please feel free to call toll free at 800-521-0600, ext. 7020, or email [disspub@umi.com](mailto:disspub@umi.com).

## AUTHOR CHECK LIST

If you have any questions concerning the publication of your manuscript, call toll free at 800-521-0600. Ask for UMI Dissertation Publishing Customer Service at ext. 7020, or email [disspub@umi.com](mailto:disspub@umi.com)

- Does your dissertation abstract adhere to the maximum word length of 350 words? (We reserve the right to edit longer abstracts.)
- Are words substituted for formulas and symbols in the title? Are accents included?
- Are permission letters for previously copyrighted materials attached to the Agreement Form?
- Is a subject classification indicated on the Agreement Form?
- Do the copyright permission letters state that ProQuest Information and Learning may supply copies on demand?
- Our most common problem is missing pages. Are all pages present and numbered consecutively?
- Have you attached a copy of your abstract and title page to the Agreement Form?
- If the work is to be copyrighted, is all the appropriate information completed on the Agreement Form?
- Is your adviser's name and title clearly indicated?
- Have you enclosed a check or money order for your copyright fee? (Credit cards not accepted for copyright fee.)
- Is your name, in full, on the title page of the work, the abstract, and the Agreement Form? Is the name identical on all three? The manuscript will be published under the most complete name given, if unclear.
- Have you enclosed payment for your author discount copies? See page A6. (Credit card, check, or money order is acceptable.)
- Have you signed in the appropriate places on the back of the Agreement Form?
- Have you included an English title and abstract if original is in another language?
- Have you included your Social Security number?

# SUBJECT CATEGORIES

Dissertation Abstracts International is arranged by subject categories. Please select the one subject which most nearly describes the content of your dissertation.

## The Humanities and Social Sciences

### COMMUNICATIONS AND THE ARTS

|                            |       |
|----------------------------|-------|
| Architecture               | .0729 |
| Art History                | .0377 |
| Cinema                     | .0900 |
| Dance                      | .0378 |
| Design and Decorative Arts | .0389 |
| Fine Arts                  | .0357 |
| Information Science        | .0723 |
| Journalism                 | .0391 |
| Landscape Architecture     | .0390 |
| Library Science            | .0399 |
| Mass Communications        | .0708 |
| Music                      | .0413 |
| Speech Communication       | .0459 |
| Theater                    | .0465 |

### EDUCATION

|                             |       |
|-----------------------------|-------|
| General                     | .0515 |
| Administration              | .0514 |
| Adult and Continuing        | .0516 |
| Agricultural                | .0517 |
| Art                         | .0273 |
| Bilingual and Multicultural | .0282 |
| Business                    | .0688 |
| Community College           | .0275 |
| Curriculum and Instruction  | .0727 |
| Early Childhood             | .0518 |
| Educational Psychology      | .0525 |
| Elementary                  | .0524 |
| Finance                     | .0277 |
| Guidance and Counseling     | .0519 |
| Health                      | .0680 |
| Higher                      | .0745 |
| History of                  | .0520 |
| Home Economics              | .0278 |
| Industrial                  | .0521 |
| Language and Literature     | .0279 |
| Mathematics                 | .0280 |
| Music                       | .0522 |

|                        |       |
|------------------------|-------|
| Philosophy of          | .0998 |
| Physical               | .0523 |
| Reading                | .0535 |
| Religious              | .0527 |
| Sciences               | .0714 |
| Secondary              | .0533 |
| Social Sciences        | .0534 |
| Sociology of           | .0340 |
| Special                | .0529 |
| Teacher Training       | .0530 |
| Technology             | .0710 |
| Tests and Measurements | .0288 |
| Vocational             | .0747 |

### LANGUAGE, LITERATURE, AND LINGUISTICS

|                          |       |
|--------------------------|-------|
| Language                 |       |
| General                  | .0679 |
| Ancient                  | .0289 |
| Linguistics              | .0290 |
| Modern                   | .0291 |
| Rhetoric and Composition | .0681 |
| Literature               |       |
| General                  | .0401 |
| Classical                | .0294 |
| Comparative              | .0295 |
| Medieval                 | .0297 |
| Modern                   | .0298 |
| African                  | .0316 |
| American                 | .0591 |
| Asian                    | .0305 |
| Canadian (English)       | .0352 |
| Canadian (French)        | .0355 |
| Caribbean                | .0360 |
| English                  | .0593 |
| Germanic                 | .0311 |
| Latin American           | .0312 |
| Middle Eastern           | .0315 |

|                          |       |
|--------------------------|-------|
| Romance                  | .0313 |
| Slavic and East European | .0314 |

### PHILOSOPHY, RELIGION, AND THEOLOGY

|                  |       |
|------------------|-------|
| Philosophy       | .0422 |
| Religion         |       |
| General          | .0318 |
| Biblical Studies | .0321 |
| Clergy           | .0319 |
| History of       | .0320 |
| Philosophy of    | .0322 |
| Theology         | .0469 |

### SOCIAL SCIENCES

|                         |       |
|-------------------------|-------|
| American Studies        | .0323 |
| Anthropology            |       |
| Archaeology             | .0324 |
| Cultural                | .0326 |
| Physical                | .0327 |
| Business Administration |       |
| General                 | .0310 |
| Accounting              | .0272 |
| Banking                 | .0770 |
| Management              | .0454 |
| Marketing               | .0338 |
| Canadian Studies        | .0385 |
| Economics               |       |
| General                 | .0501 |
| Agricultural            | .0503 |
| Commerce-Business       | .0505 |
| Finance                 | .0508 |
| History                 | .0509 |
| Labor                   | .0510 |
| Theory                  | .0511 |
| Folklore                | .0358 |
| Geography               | .0366 |
| Gerontology             | .0351 |

|                                  |       |
|----------------------------------|-------|
| History                          |       |
| General                          | .0578 |
| Ancient                          | .0579 |
| Medieval                         | .0581 |
| Modern                           | .0582 |
| Black                            | .0328 |
| Church                           | .0330 |
| African                          | .0331 |
| Asia, Australia, and Oceania     | .0332 |
| Canadian                         | .0334 |
| European                         | .0335 |
| Latin American                   | .0336 |
| Middle Eastern                   | .0333 |
| United States                    | .0337 |
| History of Science               | .0585 |
| Law                              | .0398 |
| Political Science                |       |
| General                          | .0615 |
| International Law and Relations  | .0616 |
| Public Administration            | .0617 |
| Recreation                       | .0814 |
| Social Work                      | .0452 |
| Sociology                        |       |
| General                          | .0626 |
| Criminology and Penology         | .0627 |
| Demography                       | .0938 |
| Ethnic and Racial Studies        | .0631 |
| Individual and Family Studies    | .0628 |
| Industrial and Labor Relations   | .0629 |
| Public and Social Welfare        | .0630 |
| Social Structure and Development | .0700 |
| Theory and Methods               | .0344 |
| Transportation                   | .0709 |
| Urban and Regional Planning      | .0999 |
| Women's Studies                  | .0453 |

A  
2

## The Sciences and Engineering

### BIOLOGICAL SCIENCES

|                              |       |
|------------------------------|-------|
| Agriculture                  |       |
| General                      | .0473 |
| Agronomy                     | .0285 |
| Animal Culture and Nutrition | .0475 |
| Animal Pathology             | .0476 |
| Fisheries and Aquaculture    | .0792 |
| Food Science and Technology  | .0359 |
| Forestry and Wildlife        | .0478 |
| Plant Culture                | .0479 |
| Plant Pathology              | .0480 |
| Soil Science                 | .0481 |
| Range Management             | .0777 |
| Soil Science                 | .0481 |
| Wood Technology              | .0746 |
| Biology                      |       |
| General                      | .0306 |
| Anatomy                      | .0287 |
| Animal Physiology            | .0433 |
| Biostatistics                | .0308 |
| Botany                       | .0309 |
| Cell                         | .0379 |
| Ecology                      | .0329 |
| Entomology                   | .0353 |
| Genetics                     | .0369 |
| Limnology                    | .0793 |
| Microbiology                 | .0410 |
| Molecular                    | .0307 |
| Neuroscience                 | .0317 |
| Oceanography                 | .0416 |
| Plant Physiology             | .0817 |
| Veterinary Science           | .0778 |
| Zoology                      | .0472 |
| Biophysics                   |       |
| General                      | .0786 |
| Medical                      | .0760 |

### EARTH AND ENVIRONMENTAL SCIENCES

|                        |       |
|------------------------|-------|
| Biogeochemistry        | .0425 |
| Environmental Sciences | .0768 |
| Geochemistry           | .0996 |
| Geodesy                | .0370 |
| Geology                | .0372 |
| Geophysics             | .0373 |
| Hydrology              | .0388 |
| Mineralogy             | .0411 |
| Paleobotany            | .0345 |
| Paleoecology           | .0426 |
| Paleontology           | .0418 |
| Paleozoology           | .0985 |
| Palynology             | .0427 |
| Physical Geography     | .0368 |
| Physical Oceanography  | .0415 |

### HEALTH SCIENCES

|                                |       |
|--------------------------------|-------|
| Health Sciences                |       |
| General                        | .0566 |
| Audiology                      | .0300 |
| Dentistry                      | .0567 |
| Education                      | .0350 |
| Health Care Management         | .0769 |
| Human Development              | .0758 |
| Immunology                     | .0982 |
| Medicine and Surgery           | .0564 |
| Mental Health                  | .0347 |
| Nursing                        | .0569 |
| Nutrition                      | .0570 |
| Obstetrics and Gynecology      | .0380 |
| Occupational Health and Safety | .0354 |
| Oncology                       | .0992 |
| Ophthalmology                  | .0381 |
| Pathology                      | .0571 |
| Pharmacology                   | .0419 |
| Pharmacy                       | .0572 |
| Public Health                  | .0573 |
| Radiology                      | .0574 |

|                            |       |
|----------------------------|-------|
| Recreation                 | .0575 |
| Rehabilitation and Therapy | .0382 |
| Speech Pathology           | .0460 |
| Toxicology                 | .0383 |
| Home Economics             | .0386 |

### PHYSICAL SCIENCES

|                                      |       |
|--------------------------------------|-------|
| Pure Sciences                        |       |
| Chemistry                            |       |
| General                              | .0485 |
| Agricultural                         | .0749 |
| Analytical                           | .0486 |
| Biochemistry                         | .0487 |
| Inorganic                            | .0488 |
| Nuclear                              | .0738 |
| Organic                              | .0490 |
| Pharmaceutical                       | .0491 |
| Physical                             | .0494 |
| Polymer                              | .0495 |
| Radiation                            | .0754 |
| Mathematics                          | .0405 |
| Physics                              |       |
| General                              | .0605 |
| Acoustics                            | .0986 |
| Astronomy and Astrophysics           | .0606 |
| Atmospheric Science                  | .0608 |
| Atomic                               | .0748 |
| Condensed Matter                     | .0611 |
| Electricity and Magnetism            | .0607 |
| Elementary Particles and High Energy | .0798 |
| Fluid and Plasma                     | .0759 |
| Molecular                            | .0609 |
| Nuclear                              | .0610 |
| Optics                               | .0752 |
| Radiation                            | .0756 |
| Statistics                           | .0463 |
| Applied Sciences                     |       |
| Applied Mechanics                    | .0346 |
| Computer Science                     | .0984 |

|                            |       |
|----------------------------|-------|
| Engineering                |       |
| General                    | .0537 |
| Aerospace                  | .0538 |
| Agricultural               | .0539 |
| Automotive                 | .0540 |
| Biomedical                 | .0541 |
| Chemical                   | .0542 |
| Civil                      | .0543 |
| Electronics and Electrical | .0544 |
| Environmental              | .0775 |
| Industrial                 | .0546 |
| Marine and Ocean           | .0547 |
| Materials Science          | .0794 |
| Mechanical                 | .0548 |
| Metallurgy                 | .0743 |
| Mining                     | .0551 |
| Nuclear                    | .0552 |
| Packaging                  | .0549 |
| Petroleum                  | .0765 |
| Sanitary and Municipal     | .0554 |
| System Science             | .0790 |
| Geotechnology              | .0428 |
| Operations Research        | .0796 |
| Plastics Technology        | .0795 |
| Textile Technology         | .0994 |

### PSYCHOLOGY

|               |       |
|---------------|-------|
| General       | .0621 |
| Behavioral    | .0384 |
| Clinical      | .0622 |
| Cognitive     | .0633 |
| Developmental | .0620 |
| Experimental  | .0623 |
| Industrial    | .0624 |
| Personality   | .0625 |
| Physiological | .0989 |
| Psychobiology | .0349 |
| Psychometrics | .0632 |
| Social        | .0451 |

# DOCTORAL DISSERTATION AGREEMENT FORM

FORM D (2002) For assistance, call toll free in the US and Canada: 800-521-0600, ext. 7020.

## Personal Data

Please type or print in block letters.

1. \_\_\_\_\_  
Last Name First Name Middle Name

2. Country of citizenship \_\_\_\_\_

### 3. Present Mailing Address

\_\_\_\_\_  
Street Address

\_\_\_\_\_  
City State Zip or Postal Code

\_\_\_\_\_  
Country

### Future Mailing Address

\_\_\_\_\_  
Street Address

\_\_\_\_\_  
City State Zip or Postal Code

\_\_\_\_\_  
Country

Effective date for future mailing address (mm dd yy) \_\_\_\_\_

Home telephone number ( ) \_\_\_\_\_ Business phone ( ) \_\_\_\_\_

Email \_\_\_\_\_

Do not write in this space.

Royalty \_\_\_\_\_ Yes\*

Restriction Code \_\_\_\_\_

Total Pages \_\_\_\_\_

Vol./Issue \_\_\_\_\_

School Code \_\_\_\_\_

Copyright  Yes  No

Year \_\_\_\_\_

## Doctoral Degree Data

4. Full name of university conferring degree, and college or division if appropriate  
\_\_\_\_\_

Department of university \_\_\_\_\_

Adviser \_\_\_\_\_

5. Abbreviation for degree awarded \_\_\_\_\_

6. Year degree awarded \_\_\_\_\_ 7. Year manuscript completed \_\_\_\_\_

## Dissertation Title and Subject Data

8. Important: Attach a copy of your dissertation title page and abstract to this Agreement Form. Please make sure the name of your adviser/director appears on either the title page or the abstract.

9. List up to six keywords or short phrases for indexing and database access:

a. \_\_\_\_\_ d. \_\_\_\_\_

b. \_\_\_\_\_ e. \_\_\_\_\_

c. \_\_\_\_\_ f. \_\_\_\_\_

10. Subject category for your manuscript. Enter four-digit code from "Subject Categories" list, followed by the name of the category selected.

\_\_\_\_\_  
(You may enter two additional categories and/or codes on the extra lines provided.)

\_\_\_\_\_  
\_\_\_\_\_

11. Primary language of text (if other than English) \_\_\_\_\_

## Copyright Data

12. If you would like to have filed, on your behalf, an application for registration of a claim of U.S. copyright for your dissertation, please read and sign the "Authorization" section on the reverse side of this Agreement Form. (over)

**IMPORTANT: You must sign the "Dissertation Publishing Agreement Form" on the reverse side of this page.**

# PUBLISHING AGREEMENT FORM

*Dissertation Publishing Agreement* Through my graduate school, I agree to supply you, ProQuest Information and Learning Company (PQIL), with my paper dissertation and with an abstract of 350 words or less. The title of my dissertation is set forth on the accompanying title page. If my dissertation is being submitted in a digital format, including CD-ROM, I agree to supply you, ProQuest Information and Learning Company (PQIL), with my dissertation in digital format and the following supporting documents on paper: a title page, an abstract of 350 words or less, a description of software or other applications used to create the document, including a list of files and file sizes, copies of licenses for third party software which will be replicated, distributed and used with the document and written permission to distribute any third party software, as well as previously copyrighted materials within the body of the work including images, video, graphics, text, data and images of individuals.

I hereby grant to PQIL the non-exclusive right to reproduce and distribute my dissertation, in whole or in part, in and from microform along with the non-exclusive right to reproduce and distribute my abstract in any format in whole or in part. Further, I hereby grant to PQIL the non-exclusive right to reproduce and distribute my dissertation, in whole or in part, in and from an electronic format. Other publication rights may be granted as I choose.

I represent and warrant to PQIL that the dissertation and the abstract are my original work, do not infringe or violate any rights of others, and that I make these grants as the sole owner of the rights to my dissertation and abstract. If my dissertation is in CD-ROM or another digital format, I further represent and warrant that I have obtained all necessary rights to permit PQIL to reproduce and distribute any non-public third party software necessary to access, display, run or print my dissertation. I acknowledge that PQIL may elect not to distribute my dissertation in digital format if, in its reasonable judgment, it believes all such rights have not been secured.

Subject to the preceding paragraphs, PQIL agrees to offer copies of my dissertation for sale, and to publish an abstract of my dissertation in Dissertation Abstracts International. In accordance with the Copyright Act of 1976, PQIL will deposit one copy of my dissertation with the Library of Congress. This deposit will be in digital, microform or other format as required by the Library of Congress and will be available for inspection. PQIL also agrees to pay a royalty of 10% on all sales of my dissertation. Royalty payments must exceed \$10 in a calendar year to be paid. In order to be eligible for such royalties in any calendar year, I agree that it is my obligation to notify PQIL of any change of address.

Author's Signature \_\_\_\_\_ Date \_\_\_\_\_  
 Publishing Authorization

Social Security Number    -   -      
 Required for payment of royalties

## Authorization to Apply for Registration of My Claim to Copyright

Has registration for your published dissertation, or for an earlier version of the manuscript, been made with the Copyright Office?  Yes  No

If "Yes," by whom was the registration made? \_\_\_\_\_

Previous registration number \_\_\_\_\_ Year of Registration \_\_\_\_\_

I authorize you, PQIL, to file in my behalf, an application for registration of a claim of U.S. copyright, in my name, for my dissertation. PQIL agrees to complete the application form, and file it, together with the registration fee and required deposit copy(ies) of my dissertation, with the Copyright Office. I represent to PQIL that the information I have provided PQIL on the accompanying information questionnaire is accurate.

My certified check or money order to PQIL for **\$65.00** is enclosed, unless I have paid the fee to my graduate school for forwarding to PQIL. I understand that I will receive the registration form from the Copyright Office.

Author's Signature \_\_\_\_\_ Date \_\_\_\_\_  
 Copyright Authorization

Do not write in this space.

Release date \_\_\_\_\_ Packing slip number \_\_\_\_\_

# ONE-TIME-ONLY AUTHOR DISCOUNT OFFER

FORM D For assistance, call toll free in the US and Canada: 800-521-0600, ext. 7020.

## Order Now and Save 30% on Copies of Your Dissertation

Producing copies of your dissertation is less expensive at the time of publication than at any other time. We pass these savings along to you now in the form of a substantial one-time-only discount.

Take advantage of this opportunity to acquire copies of your dissertation:

- for your personal use
- for distribution
- for future reference

Fill in the Author Discount Order Form for copies of your dissertation. Attach it to your signed and completed Agreement Form and return it to UMI Dissertation Publishing.

Dissertation copies are shipped approximately 4 to 6 weeks after we receive your manuscript for publication.

Authors, Please Note:

- The finished book is approximately **two-thirds** of the original manuscript size, or **6 1/2" x 8 1/4"**.
- Orders submitted at the time of publication do not earn a royalty.
- Please inform us of any address change.
- **This offer is valid only at the time of publication. All prices are subject to change.**

### Instructions for ordering dissertation copies:

- All orders must be accompanied by payment in full or complete credit card information, including card number, expiration date, telephone number, and signature.
- Payment in full must be made by credit card, cashier's check, money order, or certified check.
- Enter the quantity and total price for each format ordered.
- Add sales tax for the state to which this order will be shipped.
- Please type or print.

**If you have any questions, please call UMI Dissertation Publishing toll free at 800-521-0600, ext. 7020.**

Author's name as it appears on dissertation:

\_\_\_\_\_

Last name

\_\_\_\_\_

First name

Middle name

\_\_\_\_\_

First three words of dissertation title

\_\_\_\_\_

Graduate school

\_\_\_\_\_

Year degree awarded

## Author Discount ORDER FORM

| Qty | Format                                 | Price        | Total Price |
|-----|----------------------------------------|--------------|-------------|
|     | Softcover paper copy (6 1/2" x 8 1/4") | \$29.00      |             |
|     | Hardcover paper copy (6 1/2" x 8 1/4") | \$35.00      |             |
|     | Microfiche copy (105mm) 98-page format | \$16.00      |             |
|     |                                        | Sub-Total    |             |
|     |                                        | Sales Tax    |             |
|     |                                        | <b>Total</b> |             |

Enclosed is my cashier's check, money order or certified check made payable to ProQuest Information and Learning Company in the amount of \$ \_\_\_\_\_.

Please charge my:

- American Express  Visa  MasterCard

Account No. \_\_\_\_\_

Expiration Date \_\_\_\_\_

Signature \_\_\_\_\_

(Authors, please note: Your account will not be charged until your copies have been shipped.)

Send the above order to: \_\_\_\_\_

\_\_\_\_\_

Name

\_\_\_\_\_

Address

\_\_\_\_\_

City/State/Zip

\_\_\_\_\_

Phone (business hours)