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Regional Journal Contributions of Recent Graduates

by

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# Regional Journal Contributions of Recent Graduates

We recently ranked doctoral programs by journal contributions of recent graduates to the American Journal of Agricultural Economics (Tauer and Tauer). The purpose of this paper is to extend that analysis to the four regional agricultural economics journals, using the identical data period and measurement technique.

## Data and Method

Articles appearing in the Journal of the Northeastern Agricultural Economics Council, North Central Journal of Agricultural Economics, Southern Journal of Agricultural Economics, and Western Journal of Agricultural Economics from 1973 to 1982 were matched with Ph.D. graduates during the period 1972 to 1981. 1/ Counted as articles were regular articles and notes. Papers delivered at annual meetings, comments, and replies were excluded.

The 1981 AAEA Membership Handbook and the annual listings of Ph.D.s published in the AJAE, and for a few years in the AAEA Newsletter, were used as the source for year of graduation and school from which the Ph.D. was obtained. The Handbook was used as the authoritative source in instances of disagreement.

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1/The WJAE was a proceedings only publication until December 1977. The NCJAE contains only refereed articles and was first published January 1979.

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Output is measured as the number of pages and as the number of articles published. The number of pages or the article was prorated by the number of authors for multiple authorship, with no distinction made between senior or junior authorship. Page output was divided by the number of degrees granted by each school during 1972 to 1981 to get pages per degree. As discussed in our paper measuring AJAE journal contributions, some 1972 to 1981 Ph.D. recipients were not identified because of reporting omissions (Tauer and Tauer).

## Results

Tables 1 through 4 contain the journal output of recent graduates of each school in each of the four regional agricultural economics journals. The schools are ranked in each table by the number of pages produced. Ranking by articles produces similar results.

Schools which rank highest in a regional journal tend to be those schools located in that region, although most of the larger departments are well represented in all regions. This perhaps reflects the limited interregional mobility of faculty members after they receive their degree, which has previously been documented (Peck and Babb). Some schools which ranked high in our AJAE listing did not rank as high in the regional results, and vice versa (Tauer and Tauer).

The four regional journals differ in the percentage of articles written by recent degree recipients. The North Central journal has the highest percentage at 56 percent. The Southern and Western journals both accepted about 42 percent of their articles from recent graduates. The Northeastern journal is the lowest at 29 percent. The difference

between the regional journals may be the result of a difference in the number of recent graduates in those regions, the subject matter of the journals, and the attitude of the editors. 2/ Except for the Northeastern journal, the percentages of articles from recent graduates were higher than the 32 percent for the AJAE (Tauer and Tauer).

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2/ A previous editor informed us that some editors will encourage recent degree recipients to resubmit, while others believe that no prejudice should be shown.

Table 1. Research Contributions of 1972-1981 Ph.D. Graduates in the JNAEC during 1973-1982

| Institution | Pages (rank) | Articles (rank) | Pages Per Degree (rank) |
|---|---|---|---|
| U. of CA, Davis | 31.3 (1) | 4.1 (1) | .51 (5) |
| Michigan State | 30.0 (2) | 4.0 (2) | .21 (10) |
| Cornell | 28.5 (3) | 3.1 (3) | .29 (9) |
| U. of Massachusetts | 17.7 (4) | 2.2 (4) | 1.61 (2) |
| Pennsylvania State | 14.5 (5) | 2.0 (5) | .45 (6) |
| Montana State | 12.0 (6) | 1.0 (7) | 3.00 (1) |
| Oklahoma State | 11.0 (7) | .5 (14) | .16 (11) |
| U. of Minnesota | 11.0 (7) | 1.0 (7) | .16 (11) |
| U. of Wisconsin | 10.0 (9) | 1.0 (7) | .12 (15) |
| Washington State | 7.7 (10) | 1.3 (6) | .15 (14) |
| Kansas State | 7.0 (11) | .5 (14) | .32 (8) |
| U. of Connecticut | 6.7 (12) | .8 (13) | .67 (4) |
| North Carolina State | 6.0 (13) | 1.0 (7) | .09 (17) |
| Virginia P.I. & S.U. | 5.0 (14) | 1.0 (7) | .16 (11) |
| U. of Rhode Island | 3.0 (15) | .3 (17) | 1.50 (3) |
| U. of Missouri | 3.0 (15) | 1.0 (7) | .05 (18) |
| U. of Georgia | 2.7 (17) | .3 (17) | .45 (6) |
| U. of Maryland | 2.6 (18) | .3 (17) | .12 (15) |
| Purdue | 1.5 (19) | .5 (14) | .01 (19) |
| Total | 211.2 | 25.9 | |
| Total for Journal | 794.0 | 89.0 | |

Table 2. Research Contributions of 1972-1981 Ph.D. Graduates in the NCJAE during 1979-1982

| Institution | Pages (rank) | | Articles (rank) | | Pages Per Degree (rank) | |
|---|---|---|---|---|---|---|
| Iowa State | 70.6 | (1) | 9.0 | (1) | .68 | (2) |
| Michigan State | 57.4 | (2) | 7.2 | (2) | .40 | (4) |
| U. of Illinois | 39.2 | (3) | 4.2 | (3) | .45 | (3) |
| U. of Wisconsin | 31.5 | (4) | 3.6 | (4) | .37 | (5) |
| U. of Minnesota | 26.0 | (5) | 3.0 | (6) | .37 | (5) |
| U. of Nebraska | 22.0 | (6) | 3.2 | (5) | .88 | (1) |
| Purdue | 20.2 | (7) | 2.5 | (7) | .18 | (11) |
| Ohio State | 15.2 | (8) | 1.2 | (10) | .25 | (9) |
| Cornell | 12.2 | (9) | 1.8 | (8) | .12 | (14) |
| Pennsylvania State | 11.0 | (10) | 1.0 | (11) | .34 | (7) |
| North Carolina State | 9.7 | (11) | .8 | (14) | .14 | (13) |
| U. of CA, Davis | 9.7 | (11) | 1.3 | (9) | .16 | (12) |
| Virginia P.I. & S.U. | 6.0 | (13) | 1.0 | (11) | .19 | (10) |
| Texas A&M | 5.8 | (14) | .8 | (14) | .11 | (15) |
| Oklahoma State | 3.5 | (15) | 1.0 | (11) | .05 | (19) |
| Washington State | 3.0 | (16) | .5 | (17) | .06 | (18) |
| U. of Georgia | 2.0 | (17) | .7 | (16) | .33 | (8) |
| Kansas State | 2.0 | (17) | .2 | (20) | .09 | (16) |
| U. of Missouri | 2.0 | (17) | .3 | (18) | .04 | (20) |
| U. of CA, Berkeley | 2.0 | (17) | .3 | (18) | .03 | (21) |
| Utah State | 1.5 | (21) | .2 | (20) | .08 | (17) |
| Others | 20.0 | | 2.2 | | | |
| Total | 372.4 | | 46.2 | | | |
| Total for Journal | 671.0 | | 82.0 | | | |

Table 3. Research Contributions of 1972-1981 Ph.D. Graduates in the SJAE during 1973-1982

| Institution | Pages (rank) | Articles (rank) | Pages Per Degree (rank) |
|---|---|---|---|
| Oklahoma State | 99.8 (1) | 13.2 (1) | 1.49 (2) |
| Iowa State | 66.1 (2) | 10.0 (2) | .61 (8) |
| Purdue | 65.8 (3) | 9.5 (3) | .58 (9) |
| U. of Florida | 39.5 (4) | 4.5 (8) | 1.10 (3) |
| Michigan State | 35.7 (5) | 5.3 (6) | .25 (20) |
| Oregon State | 34.7 (6) | 7.2 (4) | .55 (10) |
| Texas A&M | 34.0 (7) | 6.4 (5) | .63 (7) |
| Virginia P.I. & S.U. | 33.1 (8) | 5.2 (7) | 1.07 (4) |
| U. of CA, Berkeley | 24.5 (9) | 4.3 (9) | .35 (13) |
| U. of Illinois | 22.8 (10) | 3.7 (10) | .26 (19) |
| U. of CA, Davis | 19.8 (11) | 2.5 (14) | .32 (14) |
| U. of Tennessee | 18.4 (12) | 3.2 (12) | .54 (11) |
| Ohio State | 17.5 (13) | 3.5 (11) | .28 (17) |
| North Carolina State | 15.7 (14) | 2.9 (13) | .23 (22) |
| Clemson | 12.4 (15) | 1.8 (17) | .67 (6) |
| Pennsylvania State | 12.0 (16) | 1.8 (17) | .38 (12) |
| Washington State | 11.7 (17) | 1.8 (17) | .22 (23) |
| U. of Wisconsin | 11.0 (18) | 2.0 (15) | .13 (26) |
| U. of Georgia | 11.0 (18) | 2.0 (15) | 1.80 (1) |
| U. of Kentucky | 9.7 (20) | 1.5 (20) | .32 (14) |
| Cornell | 8.5 (21) | 1.5 (20) | .09 (29) |
| U. of Missouri | 7.7 (22) | .7 (24) | .14 (25) |
| U. of Minnesota | 7.7 (22) | .8 (22) | .11 (28) |
| Kansas State | 7.0 (24) | .5 (25) | .32 (14) |
| Mississippi State | 3.8 (25) | .8 (22) | .25 (20) |
| Montana State | 3.5 (26) | .5 (25) | .88 (5) |
| U. of Nebraska | 3.0 (27) | .5 (25) | .12 (27) |
| U. of Connecticut | 2.0 (28) | .5 (25) | .20 (24) |
| U. of Arizona | 1.7 (29) | .3 (29) | .28 (17) |
| Total | 640.1 | 98.5 | |
| Total for Journal | 1,558.0 | 235.0 | |

Table 4. Research Contributions of 1972-1981 Ph.D. Graduates in the WJAE during 1973-1982

| Institution | Pages (rank) | Articles (rank) | Pages Per Degree (rank) |
|---|---|---|---|
| U. of CA, Davis | 62.2 (1) | 6.2 (1) | 1.02 (2) |
| Iowa State | 50.5 (2) | 4.2 (4) | .46 (13) |
| Washington State | 50.3 (3) | 5.0 (3) | .95 (4) |
| Texas A&M | 47.3 (4) | 3.3 (5) | .88 (5) |
| U. of Missouri | 38.9 (5) | 5.1 (2) | .71 (6) |
| Oklahoma State | 31.2 (6) | 3.0 (6) | .47 (12) |
| Oregon State | 30.7 (7) | 2.3 (8) | .49 (11) |
| Michigan State | 30.1 (8) | 2.8 (7) | .21 (17) |
| U. of CA, Berkeley | 24.8 (9) | 2.3 (8) | .35 (15) |
| U. of Hawaii | 24.0 (10) | 2.0 (10) | .52 (9) |
| U. of Illinois | 23.0 (11) | 1.7 (11) | .26 (16) |
| Purdue | 15.0 (12) | 1.5 (12) | .13 (19) |
| Virginia P.I. & S.U. | 14.0 (13) | 1.0 (14) | .45 (14) |
| U. of Nebraska | 13.5 (14) | 1.0 (14) | .54 (8) |
| Kansas State | 11.0 (15) | 1.5 (12) | .50 (10) |
| Utah State | 10.9 (16) | .8 (19) | .61 (7) |
| Colorado State | 10.7 (17) | .8 (19) | .97 (3) |
| North Carolina State | 9.7 (18) | 1.0 (14) | .14 (18) |
| U. of Georgia | 9.0 (19) | 1.0 (14) | 1.50 (1) |
| U. of Minnesota | 9.0 (19) | 1.0 (14) | .13 (19) |
| U. of Wisconsin | 6.4 (21) | .8 (19) | .07 (21) |
| Cornell | 2.3 (22) | .3 (22) | .02 (23) |
| Others | 15.7 | 1.3 | |
| Total | 540.2 | 50.0 | |
| Total for Journal | 1,448.0 | 121.0 | |

Table 5. Articles Written During 1973-1982 by 1972-1981 Graduates

| Journal | Percent of Articles | Percent of Pages |
|---|---|---|
| JNAEC | 29 | 27 |
| NCJAE | 56 | 56 |
| SJAE | 42 | 41 |
| WJAE | 41 | 37 |

## REFERENCES

Peck, Anne E. and Emerson M. Babb. "The AAEA Membership: Employment and Mobility Patterns." American Journal of Agricultural Economics 58(1976):600-605.

Tauer, Loren W. and Janelle R. Tauer. "Ranking Doctoral Programs by Journal Contributions of Recent Graduates." American Journal of Agricultural Economics 66(1984).