Journal of Dairy Science® 2019 Editorial Report

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Introductory Comments

We published volume 102 of the *Journal of Dairy Science* in 2019 with a record number of pages (11,844; Table 1). Annual growth has averaged over 600 pages per year during the period listed. The total number of submitted papers has increased over 25% since 2015 but time to publication has not changed appreciably during this 5-year period (Table 1). Our ability to maintain a short time to publication reflects our continuing efforts to streamline and improve the entire publication pipeline. Our continued goals for 2020 are to shorten our time to publication and continue to improve the experience of our authors by providing high-quality reviews after submission, outstanding technical editing after acceptance, and high-visibility subsequent publication. Our aim is to attract the best authors, publish the highest quality science, and continue our long history as the leading source of new information in the dairy sciences.

Recognition of Service

Many individuals are dedicated to the effort and embody the high standards of the *Journal of Dairy Science*. Editorial and production work is handled by FASS Inc. (Champaign-Urbana, IL). The staff working directly with the journal includes Susan Pollock (managing editor), Louise Adam (lead technical editor), and Shauna Miller (editorial assistant). Additional individuals who devote a large percentage of their time to the journal include Mandy Eastin-Allen, Sharon Frick, Christine Horger, Ron Keller, Lisa Krohn, and Theresa Lawrence. We could not publish such a large volume of scientific information without the continued commitment of FASS and its staff.

Section editors direct manuscripts through the review process and make publication decisions. The decision to accept, reject, or revise may be difficult. Fortunately, we receive very few author complaints concerning the

review process. Section editors who completed their terms in 2019 were John McKillip (Ball State University; Dairy Foods), Yves Pouliot (Université Laval; Dairy Foods), Masahito Oba (University of Alberta; Animal Nutrition), and Jon Huxley (Massey University; Health, Behavior, and Well-being). The journal owes tremendous gratitude to these individuals, who dedicated many years of their professional lives to the journal. Four new section editors replaced the retiring section editors. New section editors are Milena Corredig (Aarhus University; Dairy Foods), Barry Bradford (Michigan State University; Animal Nutrition), Andre Brito (University of New Hampshire; Animal Nutrition), and Jessica McArt (Cornell University; Health, Behavior, and Well-being).

In addition to the new section editors, we have Mike Miller (University of Illinois) and Federico Harte (Penn State University) as senior editors in Dairy Foods, along with section editors Olivia McAuliffe (Teagasc), Scott Rankin (University of Wisconsin-Madison) and Jay Amamcharla (Kansas State University); senior editor Jeffrey Firkins (Ohio State University) and section editors Zhongtang Yu (Ohio State University), Alex Bach (IRTA) in Animal Nutrition; senior editor Christian Maltecca (North Carolina State University), and section editors Andrés Legarra (INRA) and Nicolo Macciotta (University of Sassari) in Genetics and Genomics; senior editor Tanya Gressley (University of Delaware), and section editors Stephen LeBlanc (University of Guelph), Pam Ruegg (Michigan State University), Dan Weary (University of British Columbia), and Wolf Heuwieser (Freie Universität Berlin) in Health, Behavior and Well-being; senior editor Albert De Vries (University of Florida) and section editor Robin White (Virginia Tech) in Farm Systems Analysis and Economics; senior editor Stephen Butler (Teagasc) and section editors Gerd Bobe (Oregon State University) and Laura Hernandez (University of Wisconsin) in Physiology; and senior editor Kerst Stelwagen (SciLactis Ltd.) in Invited Reviews.

The editorial board included 78 members in 2019. We normally select editorial board members in the fall and attempt to balance the number of incoming papers within each section with an appropriate number

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Table 1. *Journal of Dairy Science* statistics for 2019 compared with previous years¹

	2019	2018	2017	2016	2015	...	2009
Average papers received/mo	159	155	152	142	124		86
Average papers accepted/mo	87	82	81	78	75		49
Average papers published/mo	85	85	78	79	70		53
Pages published (volume 102)	11,844	11,518	10,486	10,242	9,102		6,306
Average review time (d)	133	127	125	119	129		127
Average production time (d)	102	106	98	101	92		107
Average total time (d)	235	233	223	220	221		234
Average time: accept to in press (d)	57	50	54	49	46		—
Average time: submit to in press (d)	190	177	179	168	178		—

¹JDS discontinued print in 2019.

of editorial board members. Editorial board members contribute pro bono and review 1 to 2 manuscripts each month. We receive many requests each year from individuals who want to become more involved with the journal and join the editorial board. The first step to becoming an editorial board member is demonstrating a sufficient number and quality of reviews when acting as an ad hoc reviewer. We sent out more than 2,000 “thank you” letters, many of them internationally, to reviewers who served the *Journal of Dairy Science* in 2019. Our reviewers ensure that we maintain high scientific standards while maintaining a short time from submission to publication. We sincerely appreciate the contributions of editorial board members and ad hoc reviewers.

Special recognition goes to Matthew Lucy, who completed his sixth year as editor-in-chief. Armed with a brave vision, Matthew led our journal through a 6-year period of unprecedented growth. His infectious energy and passion for science guided our staff and editors to produce a journal the association continues to be very proud of.

2019 in Review—The Numbers

The *Journal of Dairy Science* ranked fourth by Impact Factor (3.082) among 61 journals in the Agriculture, Dairy and Animal Science category and 34th by Impact Factor among 135 journals in the Food Science and Technology category. There were 11,844 published pages in 2019 (Table 1). We averaged under 6 mo from submission to “in press” and approximately 8 mo from submission to publication in an issue. We receive very few author complaints from authors with respect to the timeliness of the review process or the quality of reviews. Credit for these successes goes to our section editors, reviewers, authors, and production staff. The journal received 1,903 new submissions in 2019, 38 more than in 2018. Since 2015, the acceptance ratio has declined slightly (2015: 59%; 2016: 55%, 2017: 53%; 2018: 53%; 2019: 55%). Most papers are published as

research articles (n = 803; Table 2), but we also published 20 invited reviews and 26 symposium papers in 2019. The number of invited reviews published in 2019 is close to our goal of 2 invited reviews per month (24 annually). Approximately 23% of papers published were in Dairy Foods (Table 3), which is 3% higher than in 2018, with the remaining 77% in Production (Table 4). For Dairy Foods, the largest section was Microbiology and Safety (n = 78); for Production, the largest section was Health, Behavior, and Well-being (n = 253), followed closely by Animal Nutrition (n = 210) (Table 4). Based on the numbers from the past 2 years, the section experiencing the greatest growth in number of published papers is Resources and Environment, which saw an increase of 50%.

Highlights from the Past Year

We strive to continually improve the *Journal of Dairy Science* and provide a better experience for our authors, reviewers, editors, and readers. Here are some highlights for the past year:

For the first time, we increased the Impact Factor above 3.0 (to 3.082). We updated and improved manuscript submission forms. We continued the monthly Editor’s Choice and annual Highly Cited Award programs. In 2019, we inducted 8 new members into JDS Club 100: Herman W. Barkema (University of Calgary); David Kelton (University of Guelph); Stephen LeBlanc (University of Guelph); Trevor DeVries (University of Guelph); Jimmy H. Clark (University of Illinois); William P. Weiss (The Ohio State University); Todd F. Duffield (Ontario Veterinary College); and Kent A. Weigel (University of Wisconsin). Finally, we awarded the first winner of the Graduate Student Literature Review competition, Meagan King of the University of Guelph.

In 2019, the journal appointed 4 new section editors and added a senior editor to the Dairy Foods section. We welcomed 7 new editorial board members and updated and improved the reviewer database used by

Table 2. *Journal of Dairy Science* manuscript and page statistics by article type for 2019^{1,2}

Month	Research		Dairy Industry Today		Invited Review		Short Communication		Technical Note		Symposium	
	Papers	Pages	Papers	Pages	Papers	Pages	Papers	Pages	Papers	Pages	Papers	Pages
Jan	68	798	3	38			10	60	2	12	1	14
Feb	64	779	5	60		32	10	59			1	17
Mar	63	773	1	14	2	14	10	44			6	80
Apr	55	705	3	28	1	16	8	47	7	50	9	104
May	69	811	3	31	2	44	6	36	2	10	3	42
Jun	72	868	1	13	2	24	10	62			2	38
Jul	60	714	1	17	6	134	10	52	3	17		
Aug	62	781	2	25	1	17	15	84				
Sep	65	798	3	40	4	65	11	64				
Oct	66	839	4	40			9	56	5	30		
Nov	83	1,070	1	13			4	23	1	5	2	25
Dec	76	950	2	22	1	16	14	82	3	21	2	19
Total	803	9,886	29	341	20	362	116	669	23	145	26	339

¹Table does not include hot topics, letters, errata, news, or editorial.²In 2019, JDS published 3 hot topics in 19 pages and 1 Graduate Student Literature Review (PhD, production).**Table 3.** *Journal of Dairy Science* research manuscripts and page statistics published in Dairy Foods¹ for 2019

Month	BHH		CMS		MS		PE		RE		SA	
	Papers	Pages	Papers	Pages	Papers	Pages	Papers	Pages	Papers	Pages	Papers	Pages
Jan	5	67	1	9	8	82	7	78			1	13
Feb	4	46	3	26	3	33	4	50			2	28
Mar	3	28	3	26	9	89	2	29	1	3		
Apr	4	35	4	49	5	53						
May	1	14	3	40	7	60	5	46			1	9
Jun	8	94	3	36	7	65	4	54				
Jul	6	63	1	9	7	66					2	19
Aug	10	112	4	43	7	65	3	43			1	16
Sep	4	39	4	42	6	48	5	61	2	21	1	9
Oct	4	43	7	80	4	46	5	58	1	11	2	18
Nov	4	46	4	46	7	76	5	47				
Dec	6	68			8	76	2	22			1	10
Total	59	655	37	406	78	759	42	488	4	35	11	122

¹BHH = Bioactivity and Human Health; CMS = Chemistry and Materials Science; MS = Microbiology and Safety; PE = Processing and Engineering; RE = Resources and Environment; and SA = Sensory Analysis. Table does not include invited reviews.

Table 4. *Journal of Dairy Science* research manuscripts and page statistics published in Production¹ for 2019

Month	AN		FSA		G		HBW		P		RE	
	Papers	Pages	Papers	Pages	Papers	Pages	Papers	Pages	Papers	Pages	Papers	Pages
Jan	16	190	6	71	9	97	21	198	10	117	—	—
Feb	16	214	2	17	7	66	19	210	16	172	5	60
Mar	20	254	4	49	9	87	14	174	13	162	2	16
Apr	18	208	3	30	16	193	21	239	10	111	1	16
May	22	243	3	44	6	65	26	303	9	106	—	—
Jun	17	230	—	—	13	136	17	183	16	183	—	—
Jul	16	192	—	—	10	125	19	186	12	123	—	—
Aug	16	202	4	37	9	99	19	209	7	74	1	17
Sep	21	270	3	31	10	117	16	172	7	92	—	—
Oct	19	218	6	69	2	33	29	345	3	27	3	23
Nov	13	189	7	83	12	149	26	349	9	100	4	51
Dec	16	180	3	45	14	166	26	258	19	241	2	26
Total	210	2,590	41	476	117	1,333	253	2,826	131	1,510	18	209

¹AN = Animal Nutrition; GG = Genetics and Genomics; FSA = Farm Systems Analysis and Economics (formerly Management and Economics); HBW = Health, Behavior, and Well-being; ME = Management and Economics; P = Physiology; and RE = Resources and Environment. Table does not include invited reviews.

section editors. Finally, we published more than 1,000 papers in 2019, approximately one-fourth of the dairy science research published worldwide.

The journal is an exciting branch of the association and personally it is an honor and pleasure to serve as the editor-in-chief of the *Journal of Dairy Science*.