

- Aardema, C. H. 75
 Abood, Mary E. 141
 Abousaedi, Nazi 112
 Abraham, Donald J. 108
 Adams, H. S. 117
 Adams, H. S. 117
 Adams, M. B. 101
 Adams, H. S. 101
 Adams, H. S. 101
 Adams, H. S. 142
 Adams, H.S. 147
 Adams, H. S. 144
 Agbe-Davies, Anna S. 80
 Ahn, Siyoung 105
 Alden, R. W. 104
 Alden, R. W. 124
 Alexander, Angela R. 115
 Amenta, D. S. 107
 Amenta, D. S. 109
 Amenta, D. S. 105
 Amenta, Roddy V. 129
 Anderson, Marsha 148
 Anderson, Marsha 151
 Anderson, Courtney 80
 Angermeier, Paul L. 145
 Aning, Alex O. 133
 Anonick, Kristen A. 119
 Aryulina, Diah 117
 Atkins, Robert 86
 Atkinson, R. B. 123
 Atkinson, R. B. 121
 Atkinson, Robert B. 125
 Austin, Samuel H. 75
 Ayers, J. 153
 Babler, M. G. 126
 Bailey, W. D. 90
 Baker, Kori S. 76
 Balfour, David 160
 Barber, Michael F. 81
 Barber, Michael B. 81
 Barber, Michael B. 81
 Barfield, Eugene B. 81
 Barnes, John A. 160
 Barra, Rosemary 96
 Barra, Rosemary 91
 Barra, Rosemary 94
 Bass, Michael L. 120
 Bass, R. G. 109
 Bass, Michael L. 122
 Beaty, Braven B. 143
 Beck, Edith 147
 Beenhakker, M. P. 155
 Belitz, Lisa A. 90
 Bentley, Michael L. 118
 Bern, C. R. 121
 Berndt, Andrea 151
 Berndt, Andrea 148
 Bernstein, Marissa A. 135
 Bevan, David R. 106
 Bhardwaj, Harbans L. 76
 Bigelow, C. A. 102
 Birch, Jeffrey B. 159
 Birch, Jeffrey B. 160
 Birdsong, R. S. 124
 Birdsong, R. S. 125
 Blanchard, J. 149
 Blatt, Elizabeth 118
 Boatman, Sandra 106
 Bond, Jason E. 143
 Bondarev, M. 135
 Bonder, Michael J. 129
 Borrero, Luz M. 120
 Borrero, Luz M. 121
 Boyd, Cliff 82
 Boyd, Donna 82
 Bradie, Brian 86
 Breckenridge, S. Curtis 82
 Brown, Gary L. 96
 Buchheit, Rudy 132
 Budke, Jr., Earl H. 127
 Butler, Tara N. 115
 Butterworth, Leon F. 139
 Buyas, Daniel E. 90
 Cairns, Jr., J. 121
 Cairns, Jr., J. 123
 Cairns, Jr., J. 125
 Cairns, Jr., John 122
 Calfee, Karen L. 90
 Cantonwine, Paul E. 130
 Caplan, Maggie L. 112
 Castevens, Charles 113
 Chalmers, D. R. 102
 Cheavens, Jennifer 149
 Chen, Jiangfeng 121

Cheng, Y. X.	135	Davison, Jennifer J.	158
Chusuci, C. C.	106	Day, Eric R.	144
Clark, Kennedy H.	143	Deal, III, Clifford L.	136
Clarke, Bryan	95	DeGraff, B. A.	105
Coakley, Clint W.	160	Derringer, Daniel R.	110
Cober, R. T.	156	Derringer, Daniel R.	107
Cober, R. T.	149	Desjardins, Steven G.	107
Cochran, J. D.	155	DeVore, Thomas C.	108
Cochran, J. D.	153	DeVore, Thomas C.	87
Coffey, Michael T.	128	Dillard, Dave	130
Compton, David	139	Dillon, Gregory K.	127
Compton, David R.	141	Doughty, David C.	87
Condon, Jennifer A.	108	Drury, Kevin L. S.	144
Conner, Joy M.	150	Dudás, F. Ö.	129
Conors, F. M.	91	Dukat, M.	137
Conors, F. M.	97	Dukat, M.	136
Conway, Arthur F.	98	Dukat, M.	138
Conway, Carolyn M.	90	Dukat, M.	135
Conway, C. M.	93	Dukat, M.	135
Conway, A. F.	93	Dumas, D.	137
Conway, A. F.	92	Duncan, Perry M.	153
Conway, C. M.	97	Duncan, P.	149
Conway, A. F.	93	Duprey, Sharon L.	150
Conway, C. M.	91	DuPuy, David L.	87
Conway, C. M.	93	Durden, Lance A.	92
Conway, A. F.	97	Eberly, Kristen	122
Conway, A. F.	91	Eckerlin, Ralph P.	92
Conway, C. M.	92	Egloff, Keith T.	82
Cook, Desmond C.	131	Eisenback, J. D.	101
Cook, Desmond C.	132	Elgert, K. D.	140
Cook, D. C.	133	Ellis, Darren	87
Cook, Desmond C.	130	Elmes, D. G.	153
Cook, Desmond C.	129	Elmes, David G.	157
Coulling, Philip P.	102	Ensign, William E.	145
Covington, Robert M.	91	Esheleman, Keith N.	123
Creasy, Kimberly R.	136	Espinoza, C.	134
Croy, S.	142	Falls, Elsa Q.	98
Curtis, Anthony D.	91	Fashing, Norman J.	92
D'Arcangelis, Rita M.	115	Fendelander, Lahn	161
Daley, Lawrence R.	116	Fiedler, W.	135
Daley, Lawrence R.	115	Fiedler, W.	137
Dallvechia, S. E.	155	Fisher, Robert A.	140
Damaj, I.	135	Fisher, Robert A.	140
Damaj, I.	137	Fornshell, Ben J.	115
Damaj, M. I.	136	Fortney, R. H.	144
Dattelbaum, Andrew M.	107	Foy, Chester L.	76
Davis'Libre, Mary Carole	154	Foy, Chester L.	79

- | | | | |
|-------------------------------|-----|-----------------------------------|-----|
| Freeman, K. A. | 156 | Halecki, Janice E. | 151 |
| Freeman, Kimberly A. | 150 | Hall, Adrienne A. | 146 |
| Freeman, Frederick G. | 152 | Hansen, Ronda K. | 137 |
| Freeman, F. | 156 | Harden, H. A. | 93 |
| Freeman, K. A. | 149 | Hardison, Joel | 81 |
| Fritz, W. A. | 92 | Harpole, Douglas N. | 145 |
| Gallaher, Thomas N. | 108 | Harpole, Douglas N. | 144 |
| Game, David E. | 87 | Harris, S. L. | 93 |
| Gampala, R. | 134 | Harrison, Jr., William P. | 161 |
| Garrido, Melissa | 150 | Hass, Derek D. | 131 |
| Garst, A. S. | 75 | Hawkins, Preston | 128 |
| Gibson, Kathleen M. | 151 | Hayes, Bryan C. | 152 |
| Gillen, H. Barry | 151 | Heckman, John R. | 122 |
| Giovanetti, Kevin | 86 | Hegeman, Carla E. | 102 |
| Giovanetti, Kevin | 87 | Heiges, Kelly | 152 |
| Giovanetti, Kevin | 89 | Hemmert, C. M. | 156 |
| Gipson, T. A. | 77 | Hemmert, C. M. | 149 |
| Gipson, T. A. | 77 | Henderson, Donna M. | 150 |
| Gipson, T. A. | 77 | Hendricks, A. C. | 98 |
| Giurgiutiu, Victor | 130 | Henley, William F. | 147 |
| Glasson, George E. | 118 | Hensley, Michael S. | 94 |
| Glasson, Goerge E. | 119 | Hess, Rebecca | 84 |
| Glennon, R. A. | 137 | Hickman, Kenneth | 147 |
| Glennon, R. A. | 138 | Higgs, Rebecca | 138 |
| Glennon, R. A. | 137 | Hill, Stewart A. | 103 |
| Glennon, R. A. | 136 | Hiller, Barbara | 94 |
| Glennon, R. A. | 135 | Hiller, B. | 104 |
| Glennon, R. A. | 135 | Hish, Gerald A. | 122 |
| Goldstein, Samuel J. | 88 | Hitt, II, James M. | 152 |
| Gole, J. L. | 87 | Hobbs, Maria R. | 154 |
| Gough, Stephen B. | 120 | Hoffman, Richard L. | 146 |
| Gough, S. B. | 126 | Hong, S. | 135 |
| Gough, Stephen | 125 | Hopkins, Denise | 138 |
| Grace, Tanya K. | 119 | Hranicky, Wm Jack | 82 |
| Graffeo, Jeff | 130 | Husted, Clifton A. | 83 |
| Grant, Richard G. | 131 | Hyer, Kenneth E. | 123 |
| Grasso, Michael G. | 151 | Ismail, A. M. | 136 |
| Grau, Harold J. | 93 | Ismail, A. M. | 137 |
| Graul, Melissa | 157 | Jacobs, Kenneth C. | 88 |
| Graves, Tiffany | 157 | James, Ellen K. | 106 |
| Greaser, Kelly K. | 129 | Jarrard, L. E. | 155 |
| Groves, James F. | 131 | Jarrard, L. E. | 149 |
| Gwazdauskas, F. C. | 75 | Jarrard, L. E. | 156 |
| Haas, Carola A. | 146 | Johnson, Robert E. | 158 |
| Haas, Carola A. | 144 | Jones, Samuel R. | 153 |
| Haas, Carola A. | 145 | Jones, R. Christian | 121 |
| Halecki, Janice | 148 | Jones, David H. | 123 |

Jones, R. C.	123	Lunn, John-Paul	84
Jones, R. C.	124	MacCord, Sr., Howard A.	83
Kamboj (Allelix), R.	138	Macha, Stephen F.	109
Kaminski, Lisa A.	153	Madagan, Rodney L.	94
Karowe, D. N.	95	Major, Debra A.	152
Karowe, David	104	March, Jr., John A.	94
Kelley, Michelle	148	Marshall, H. G.	125
Kelley, Michelle	151	Marshall, H. G.	104
Kellogg, Glen E.	108	Marshall, H. G.	104
Kelso, D. P.	124	Marshall, H. G.	124
Keppel, Cynthia	88	Marshall, H. G.	103
Kim, Tae H.	132	Martin, Mark	86
Kimbrough, T. D.	90	Martin, B.	135
Kirby, Raymond H.	153	Martin, B. R.	136
Knick, Emily K.	108	Martin, B.	137
Knight, Katherine	138	Mason, Jr., David J.	139
Knipp, Peter A.	88	Mateja, George	124
Kohn, Michael, L.	153	Maurakis, Eugene	118
Kok, Loke T.	78	Maurakis, Eugene G.	146
Kongkasuwan, Kimberly R.	107	Mays, James E.	159
Kongkasuwan, Kimberly R.	110	Mays, D'Arcy P.	159
Kosztarab, Michael	145	McAllister, Sean D.	139
Krohn, Trudy G.	129	McCauley, Enza J.	119
Kuhar, Thomas P.	145	McFadden, Jill M.	109
Kunos, George	138	McKee, Curtis S.	154
Lake, Kristy D.	138	McKee, Curtis S.	154
Law, H.	138	McKee, Gail H.	154
Law, H.	135	McKee, Gail H.	154
Lawrence, N. L.	134	McKenzie, Woodrow	118
Lawrence, D. M.	101	McKenzie, Woodrow L.	119
Lawrence, D. M.	101	McNichol, Julie A.	95
Lawrence, David J.	132	McNulty, Dustin E.	89
Lawson, Jimmy A.	79	McThenia, III, Andrew W.	128
Lawwill, Kenneth S.	119	Meehan, Amy L.	146
Leary, James J.	108	Mehta, Rooma M.	109
Leftwich, Kevin N.	145	Metz, John D.	83
Lenter, Marvin	158	Michaelson, D. P.	124
Leopold, Michael C.	129	Miller, G. W.	101
Letsinger, William C.	158	Miller, Kort	154
Leung, Wing	125	Mills, Richard R.	99
Lichtman, Aron	141	Mills, R. R.	90
Lin, J. E.	89	Mitchell, Joseph C.	146
Linebaugh, Donald W.	83	Mitchell, Lisa P.	87
Litherland, Steven E.	154	Mitra, Anjana	107
Little, Maurice D.	92	Mohamed, Ali I.	78
Llewellyn, G. Craig	139	Mohamed, Ali I.	78
Ludwig, Scott W.	78	Montes, Lysle	132

- Moore, G. A. 80
 Moore, G. A. 79
 Moore, Elizabeth A. 84
 Moorhead, III, William H. . . . 147
 Morgan, Donald R. 124
 Morlino, Susan E. 95
 Morris, R. E. 106
 Mosbo, J. A. 105
 Mosbo, J. A. 107
 Mosbo, J. A. 109
 Mullen, W. Grigg 128
 Mullins, D. W. 140
 Murphy, L. 153
 Murray, James 95
 Murray, Joseph 112
 Muzika, R. 101
 Myers, Raymond H. 158
 Myers, Raymond H. 158
 Naik, D. N. 159
 Naik, D. N. 159
 Nandula, Vijay K. 79
 Napodano, Jason 110
 Neal, III, Richard K. 155
 Neel, R. W. 155
 Neves, Richard J. 147
 Neves, Richard J. 143
 Newman, Emily M. 129
 Newton, Scott H. 79
 Ney, John J. 126
 Ney, J. J. 124
 Niehaus, Judy H. 138
 Nottingham, Quinton J. 160
 Nowell, Katharine W. 96
 O'Brien, James P. 155
 O'Brien, James P. 154
 O'Brien, James P. 150
 O'Brien, James P. 137
 O'Brien, James P. 150
 Oh, Sei Jin 133
 Olejniczak, J. A. 149
 Olejniczak, J. A. 156
 Olek, S. 104
 Orzechowska, Grazyna E. . . . 110
 Orzechowska, Grazyna E. . . . 111
 Ottenbrite, R. M. 114
 Ottenbrite, R. M. 114
 Ottenbrite, R. M. 114
 Overacker, John 110
 Oxenrider, K. A. 112
 Paibir, Sheela G. 140
 Paibir, Sheela G. 140
 Painter, Harry F. 92
 Palocsay, Frank A. 114
 Park, Gyung Soo 125
 Parker, E. 136
 Parthasarathi, Anand A. . . . 161
 Patrick, Julie C. 111
 Patrick, Julie C. 110
 Paulin, Annmarie 156
 Peterson, Jane 84
 Pfister, Emily 150
 Pharr, Daniel Y. 113
 Pickens, Jeffrey 157
 Pickens, Jeffrey 152
 Pittman, Roland N. 161
 Plemmons, Bryan P. 79
 Porter, Linda 122
 Poziomek, Edward J. 110
 Poziomek, Edward J. 111
 Prabhakar, Giridhar M. 133
 Prabhala, Shobha 159
 Price, Michael B. 125
 Prinzel, III, Lawrence 152
 Prinzell, III, L. 156
 Pruitt, Elizabeth A. 96
 Pullins, Stevan 84
 Rabiou, Safianu 96
 Rabung, John 116
 Radloff, Michelle L. 111
 Rangappa, M. 76
 Rao, Shantha S. 159
 Rawers, James C. 130
 Rawers, James C. 132
 Rawinski, Thomas J. 147
 Rein, Steven R. 160
 Rein, S. R. 77
 Reinecke, Thomas L. 88
 Renfroe, Michael H. 103
 Rexroad, R. W. 126
 Richter, K. H. 155
 Riles, Christie 158
 Risser, M. 156
 Roback, Stephanie 104
 Robinson, S. E. 141

Rogers, J. Orion	97	Small, Thomas	125
Rogers, Gary K.	128	Smock, Leonard	160
Rooker, Sue	155	Snediker, Leah C.	160
Rose, Robert K.	94	Soine, William H.	140
Rose, Robert K.	94	Soine, William H.	140
Rose, Robert K.	97	Soles, Andrew G.	126
Rose, Robert K.	96	Southward, Robin E.	113
Rose, Robert K.	96	Southward, Robin E.	112
Rose, Robert K.	100	Sowell, Allison L.	99
Rose, Robert K.	99	Sprinkle, Jr., John H.	85
Rosenquist, C. Matthew	125	St. Clair, A. K.	112
Rudmin, Joseph W.	89	St. Clair, Anne K.	113
Russ, Kurt C.	84	Stalick, Wayne M.	112
Sanchez, M.	98	Stanton, Todd H.	157
Scanlon, Patrick F.	122	Stawovy, Michael T.	133
Scanlon, Patrick F.	120	Stephenson, S. L.	101
Scanlon, P. F.	126	Stephenson, S. L.	101
Scanlon, Patrick F.	121	Stephenson, S. L.	144
Scerbo, Mark W.	152	Stephenson, S. L.	147
Scerbo, Mark W.	151	Stewart, Jeanine S.	150
Scheckler, Stephen E.	103	Stipes, R. J.	102
Schlager, S. M.	97	Stipes, R. Jay	105
Schreifels, J. A.	106	Stipes, R. Jay	148
Schuchert, Jennifer	98	Stoner, Glenn	132
Schultz, Christopher B.	111	Strutt, Michael A.	85
Seaborn, David	104	Stuck, Kenneth E.	85
Sebrell, Kimberly W.	157	Sumitra, Leena M.	99
Serabian, Erica A.	98	Sutton, Trent M.	126
Settle, Jr., Frank A.	113	Swift, J. R.	126
Shacka, J. J.	141	Tatar, N.A.	149
Shaffer, Demetrius	116	Tatar, N. A.	156
Shands, S.	149	Teates, Thomas G.	119
Sharp, S.	153	Teates, Thomas G.	119
Shephard, N. E.	113	Teates, Thomas G.	117
Sheridan, Philip M.	104	Teitler, M.	137
Sherwood, W. Cullen	129	Teitler, M.	135
Sherwood, W. Cullen	128	Terman, C. Richard	99
Shillady, D. D.	113	Thomas, Diana	140
Shillady, D. D.	111	Thomas, Daryl H.	97
Shipes, Barbara	125	Thomas, Diana	140
Showalter, Lori	141	Thomas, D.	153
Simurda, Maryanne	138	Thompson, D. W.	112
Sinagra, D. M.	110	Thompson, Barry R.	119
Sinagra, D. M.	112	Thompson, David W.	113
Sitz, T. O.	110	Thompson, D. Scott	112
Sitz, T. O.	112	Thornton, Suzanne R.	141
Slater, Alicia	98	Tillman, Patricia	157

- Tolley, George A. 86
 Toomey, C. P. 92
 Tripathi, Anubha 142
 Tschetter, S. A. 113
 Turpin, Pamela C. 120
 Tutor, Michael J. 113
 Upshaw, Sujuan 116
 Urasa, I. T. 109
 Urbach, Thomas P. 156
 Urbach, Thomas P. 157
 Van Orden, A. C. 133
 Vancheeswaran R. 134
 Vancheeswaran, R. 134
 Verspoor, Mariecken A. 158
 Vest, Jeffrey D. 160
 Via-Norton, A. 123
 Viol, Anthony 113
 Wadley, H. N. G. 134
 Wadley, Haydn N. G. 131
 Wadley, Haydn N. G. 133
 Wadley, Haydn N. G. 131
 Wadley, H. N. G. 134
 Wadley, Haydn N. G. 130
 Waller, Deborah A. 95
 Waller, Deborah A. 90
 Waller, Deborah A. 91
 Wang, Frank 116
 Ware, Jennifer A. 127
 Ware, Donna M. E. 105
 Webber, C. L. 76
 Weinstein, M. 104
 Welch, Sandra P. 135
 Welch, Sandra P. 139
 Welch, Sandra P. 142
 Weldy, Troy W. 105
 Weller, Mary C. H. 119
 Westkaemper, R. B. 136
 Wheeler, Jr., A. G. 148
 White, Jr., Kimber L. 136
 White, Esther C. 86
 White, Jr., Kimber L. 139
 Whitmire, Kenton H. 110
 Whitmire, Kenton H. 107
 Whitney, Lowell W. 100
 Wieland, Werner 100
 Wightman, J. P. 134
 Wightman, J. P. 113
 Wildeus, S. 76
 Wildeus, S. 79
 Wildeus, S. 80
 Williams, Robert H. 114
 Williams, B. L. 75
 Williams, Geoffrey 89
 Willis, Robert 116
 Wilson, C. Morgan 100
 Winstead, Barbara 149
 Witschey, Walter 118
 Witt, H. L. 105
 Woodruff, Joy R. 119
 Woolcott, William S. 146
 Worobec, R. B. 142
 Wright, Shannon L. 100
 Wu, F. S. 102
 Yin, R. 114
 Youngren, Robert W. 87
 Yu, Ying-Qing 107
 Zahadat, Nazdandeh 112
 Zaidi, Syed Imran 114
 Zajac, A. M. 77
 Zhao, Ruifeng 114

MEMBERSHIP

Membership in the Academy is organized into sections representing various scientific disciplines as follows:

1. Agriculture, Forestry and Aquaculture
2. Astronomy, Mathematics and Physics
3. Microbiology and Molecular Biology
4. Biology
5. Chemistry
6. Materials Sciences
7. Biomedical and General Engineering
8. Geology
9. Medical Sciences
10. Psychology
11. Education
12. Statistics
13. Aeronautical and Aerospace Sciences
14. Botany
15. Environmental Science
16. Archaeology
17. Computer Science
18. Geography
19. Natural History & Biodiversity

Annual Membership Dues - Includes subscription to Virginia Journal of Science

Student	\$ 10.00
Regular - Individual	25.00
Contributing - Individual	30.00
Sustaining - Individual	50.00
Life - Individual	300.00
Sustaining - Institution	100.00
Business - Regular	100.00
Business - Contributing	300.00
Business - Sustaining	500.00
Patron	1000.00



VIRGINIA ACADEMY OF SCIENCE

APPLICATION FOR MEMBERSHIP

Date _____ Name (Please Print) _____

Phone (____) _____ E-mail _____ FAX(____) _____

Address _____

City _____ State _____ Zip _____

Institution or Business _____

Position — Title _____

Fields of Interest — Section No.(s) _____ First No. indicates major interest

Class of Membership Desired _____

Contacted by: _____

Make check payable to **Virginia Academy of Science** and send to: VAS, Science Museum of Virginia, 2500 W. Broad St., Richmond, VA 23220-2054.