INDEX

Active learning: Centre for Active Learning (CeAL) approach to, 29; inquiry-guided learning as subset of, 7
Aí, R., 97
Alan Blizzard Award (Society for Teaching and Learning in Higher Education), 101
Albanese, M. A., 95
Alterio, M. G., 31
Anderson, R., 87–88
Angelo, T., 40
Assessment, 51
Association of American Colleges and Schools Inquiry and Analysis VALUE rubrics, 9
Association of American Colleges and Universities (AACU), 75; VALUE rubrics, 77, 110, 112
Australia, 1, 5, 8
“Autism, Animals, and Design” (Grandin), 56
Bain, K., 75
Bakker, A. I., 61
Barnett, R., 5, 31
Barrett, S., 96–97, 101
Barrows, H., 95
Batchelor, J., 40
Baxter Magolda, M. B., 61
Bay, M., 41, 107
Beckman, M., 41
Bell, D., 7–93
Benamati, Professor (Miami University), 63
Bereiter, C., 19
Biggs, C. A., 16
Bloom’s taxonomy, 47, 55, 109
Blythe, T., 28
Bonnstetter, R. J., 9
Bowling Green State University Hypothesized Developmental Sequence of Rubrics for Assessing Inquiry, 77, 110, 112
Boyer Commission on Educating Undergraduates in the Research University (1998), 1, 5, 52, 89–90, 99
Bradbury, H., 31
Brew, A., 5
Broadfoot, P., 28, 35
Brooking, D., 62
Brownell, J. E., 88
Butler, Professor (Miami University), 63
Canada, 1, 2, 5, 8
Candy, P., 7, 93, 107
Carson, Z., 16
Carstens, L., 51
CeAL. See Centre for Active Learning (CeAL; University of Gloucestershire)
Centre for Active Learning (CeAL; University of Gloucestershire), 27, 30, 34–35; and active learning induction, 31–32; approach to active learning, 29; and model for active learning induction week, 32
Centre for Excellence in Teaching and Learning (CETL), 15, 23–25, 27, 105, 108, 111
Centre for Inquiry-Based Learning in the Arts and Social Sciences (CILASS), 15, 17, 21
CETL. See Centre for Excellence in Teaching and Learning (CETL)
Chickering, A. W., 99
Christchurch Polytechnic Institute of Technology (New Zealand), 40
CILASS. See Centre for Inquiry-Based Learning in the Arts and Social Sciences (CILASS)
Cowan, J., 28
Cox, A., 16, 21
Cuneo, C., 93, 96, 98–99, 101
Curious Incident of the Dog in the Night-time (Haddon), 56
Dewey, J., 31
Dickinson, K., 43–45
Diercks-O’Brien, A. G., 22
Dietz-Uhler, B., 61
DISCOVER: Inquiry, Scholarship, Creativity, and Research program (Marymount University), 107, 109, 110, 112; and assessing institutional impact, 78; and assessing student learning, 77–78; and core curriculum integration: Liberal Arts Core, 74, 75; demonstrating effectiveness of, 77–78; and DISCOVER Assessment Tool (DAT), 72, 77; and
embracing inquiry-guided instruction, 74–75; and first-year seminar, 72–73; and initial assessment results, 78–79; inquiry-guided learning in, 73; refocused undergraduate curriculum, 73; transfer seminar: City as Inquiry, 73; undergraduate research center, 73–74

Experiential Learning Cycle (Kolb), 28

Felder, R. M., 6
Fielding, M., 28
Fink’s Integrated Course Design, 75
Fowler, D. A., 81
Frost, N., 31

Gamson, Z. F., 8, 99
Gloucestershire floods (2007), 31
Gowin, D. B., 8
Gowin’s Vee heuristic, 8
Grandin, T., 56
Gravestock, P., 32

Haddon, M., 56
Harnish, D., 93
Hart, D., 22
Hartley, M., 32
Haynes, C. A., 61
Healey, M., 16, 19, 27–29, 35, 42
Hensel, N., 41
Herbert, B., 87–88
Hodge, D. C., 61
Howell, J. B., 51
Hudspith, B., 8, 72, 73, 96, 107

Inglis, S., 101
Inquiry, four modes of, 9
Inquiry-based learning, 16
Inquiry-guided faculty development, 54–55; and first-year course implementation and assessment, 55–57; and inquiry-guided program design, 52–54; using, to create inquiry-guided learning curriculum, 51–58
Inquiry-guided learning (IGL): challenges of implementing, and future plans, 112–115; choosing and interpreting, 105–106; cycle, 18; four modes of, 19–21; holistic developmental rubric on use of, by instructors, 11; implementing, 7–13, 109–112; at Marymount University, 71–80; model of, 30; modes, 20; in New Zealand, 39–48; opportunities and challenges in, 105–116; overview of, 5–7; selected semester patterns in, course, 12; as subset of active learning, 7; and Top 25 Project at Miami University of Ohio, 61–69; at University of Gloucestershire, 27–35; at University of Sheffield, 15–25
“Inverted classroom” method, 64

Jenkins, A., 8, 16, 28, 29, 42
Jenkins, H., 8, 72, 73, 96
Jenkins, M., 27–29, 32
Jones, A., 33
Jones, M., 21
Justice, C., 8, 17, 41, 42, 62, 72, 100, 101, 107

Kilminster, S., 31
Knowles, M., 7, 93, 107
Kolb, D., 7–8, 28, 29, 31, 106, 108
Kuh, G. D., 88, 89

Lage, M., 64
La Trobe University, Melbourne, Australia (Australia), 40
Laurie, I., 62
Lave, J., 46
Learning, four stages of (Kolb), 28
Lee, V. S., 5, 6, 10–13, 53, 62, 72, 74, 86, 105, 107, 108
Lenz, L., 76
Levy, P., 9, 15, 16, 18–21, 29, 30, 41, 42, 106, 107
Liao, X. R., 97
Little, S., 16, 23

Mark, Professor (Miami University), 63
Marymount University (Virginia), 107, 109, 110, 112, 113; Center for Teaching Excellence (CTE), 74; and development of DISCOVER program, 72; embracing inquiry-guided instruction at, 74–75; Health and Human Performance, 76; Health Sciences program, 75; implementing inquiry-guided learning in disciplines at, 75–77; inquiry-guided learning as catalyst for change at, 71–79; Literature and Languages department, 76; Mathematics department, 76
Mason-O’Connor, K., 28, 35
Matthews, H., 40
Matthews, P. R., 81
Mauer, D., 98
McDrury, J., 31
McKinney, P., 21
McMaster University (Canada), 7–8, 106, 107, 109, 110, 112, 113; academic disciplines and inquiry-guided learning at, 95–97; administrators at, 100–101; Calendar, 96; Centre for Leadership and Learning, 98, 99, 101, 102; champions at, 101–102; enablers and challenges to institutionalization of inquiry-guided learning at, 94; from innovation to institutionalization at, 93–102; institutional culture at, 94–95; instructors at, 98–100; students at, 97–98
McNeal, K., 87–88
McWilliams, K., 32
Miami University (Oxford, Ohio), 106, 107, 110, 113; assessment at, 65–66; Center for the Enhancement of Learning, Teaching, and University Assessment staff, 62; challenges and rewards at, 67–69; courses, 63–65; Department of Psychology, 64; Department of Theater, 64; Farmer School of Business, 62, 67; First-Year Research Experience program (FYRE), 69; integrating inquiry-guided learning across curriculum at, 61–69; Marketing Department, 67; results at, 66–67; Top 25 Project at, 61–69
Minstrell, J., 62
Mitchell, S., 95
Moon, J. A., 31
Nadler, M. K., 61, 63
National Advisory Board, 84
National Science Foundation, 86–87
National Survey of Student Engagement (NSSE; National Advisory Board), 77, 78, 84–85, 108, 110, 112
New Zealand, 1, 2, 5, 8, 105; and framework: for inquiry with criteria of scale, mode, and framing, 41–42; and lessons and implications for inquiry, 45–48; research project for IGL in, 40; and students’ changing expectations, 48; Tertiary Education Strategy in, 39–40, 115; universities, 107, 110, 112, 113, 115
New Zealand Curriculum (New Zealand Ministry of Education), 48
New Zealand Government, 39
New Zealand Ministry of Education, 39, 48
Nordvall, M., 75
North Carolina State University Faculty Center for Teaching and Learning, 1–2
Novak, J. D., 8
O'Regan, K., 77
O'Steen, B., 39, 40
Oxenford, C., 71
Performances for Understanding (Blythe and Associates), 28
Peschel, J., 87–88
Petrulis, R., 16, 19, 21
Platt, G., 64
Plowright, D., 62
Powell, A., 22
Prince, M. J., 6
Problem-based learning (PBL), 79, 95–96, 107, 109
Process Oriented Guided Inquiry Learning model, 76
Prytherch, Professor (Miami University), 63
Quality enhancement plan (QEP), 51, 52, 71, 72, 74, 83–84, 86, 88, 105–108
Reinventing Undergraduate Education: A Blueprint for America’s Research Universities (Boyer Commission on Educating Undergraduates in the Research University), 1, 5, 52
Research Skill Development (RSD) Framework (University of Adelaide), 9, 72, 77, 110, 112
Rice, J., 42, 62
Riordan, R., 7, 15
Rippy, M., 76
Roberts, C., 28, 29
Romer, W., 35
Rossiter, D., 16
Roth, J., 7
Roy, D., 93, 96–102
RSD Framework. See Research Skills Development (RSD) Framework (University of Adelaide)
Rwanda, genocide in, 57
Schielack, J. F., 81
Schön, D., 31
Schuchert, M., 71
Second Life, 24
Sell, K. S., 87–88
“Sheffield Graduate” (University of Sheffield), 16
Shore, C., 61
Shulman, L. S., 64
Signature pedagogies, 63–64
Simmons, C., 32–33
Simmons, M., 88
SISAQ. See Student Inquiry Skills and Attitudes Questionnaire (SISAQ)
Society for Teaching and Learning in Higher Education, 101
Southern Association of Schools and Colleges, 51, 105–106; Commission on Colleges (SACS-COC), 71, 77
Spronken-Smith, R., 5, 39–46, 107
Stafford, T., 16
Staver, J. R., 41, 107
Steadman-Jones, R., 16
Stordy, P., 16
“Student as Scholar” initiative, 106, 107
Student Inquiry Skills and Attitudes Questionnaire (SISAQ), 77, 79, 110
Summerfield, L., 71
Swaner, L. E., 88
Tamblyn, R. M., 95
Taylor, B.A.P., 63
Teaching, Learning and Assessment Strategic Framework (TLASF; University of Gloucestershire), 27, 28
Teaching and Learning through Inquiry: A Guidebook for Institutions and Instructors (Lee), 86
Teaching for understanding perspective, 28
Teaching-research nexus, theory of, 28
Texas A&M University, 108, 109, 111, 112, 114; Center for Teaching Excellence inquiry-guided learning communities at, 86, 88, 109; College of Liberal Arts inquiry-guided implementation process at, 84–85; College of Science inquiry-guided implementation process at, 85–86; Information Technology in Science Center for Teaching and Learning at, 86–88; institutionalizing inquiry-guided learning at, 88; quality enhancement plan, 83–84
Thompson, B., 42–43, 45
Tidewater Consortium summer program, 75
TLASF. See Teaching, Learning and Assessment Strategic Framework (TLASF; University of Gloucestershire)
Top 25 Project. See Miami University (Oxford, Ohio)
Treglia, M., 64
Trim, K., 101
Turkington, S., 21
United Kingdom, 1, 2, 5, 8, 15
United States, 1, 2, 8
University of Adelaide, 9, 72, 77, 110, 112
University of Canterbury (New Zealand), 40, 47–48; Sociology 111 at, 42–43
University of Delaware case-based teaching workshops, 75
University of Gloucestershire (United Kingdom), 2, 27, 108, 111, 112, 114; and Broadcast Journalism “Newsweek,” 32–33; Business Management (BM), 33; Centre for Active Learning (CeAL), 27; developing understanding of inquiry-guided learning at, 29–30; embedding inquiry-guided learning at, 30–33; inquiry-guided learning and curriculum at, 27–28; key practices in inquiry-guided learning at, 31; rationale and theory behind IGL at, 28–29; student survey results from Business Management program at, 34; Teaching, Learning and Assessment Strategic Framework (TLASF), 27, 28; University Strategic Plan, 27–28, 35
University of Otago (New Zealand), 40, 48; conceptual model of the process of curriculum change in study at, 46; core ecology courses and type of inquiry activities at, 44; ecology at, 43–45
University of Sheffield (TOUS; United Kingdom), 2, 108, 109, 111, 112, 114; assessment, research, and scholarship at, 24; defining, conceptualizing, and designing inquiry-guided learning at, 17–22; developing inquiry-guided learning at, 15–25; development challenges and strategies at, 22–24; future directions at, 24–25; participatory model of initial conceptualization
and ongoing governance for, 22–23; and pedagogical alignment of physical learning and teaching space, 24; reason for developing inquiry-guided learning at, 16–17; and reward and recognition, 23; staff development and networks at, 24; strong multiprofessional partnerships at, 23; strong student partnerships at, 23–24; Student Ambassadors for Learning and Teaching Services unit, 25, 114; targeted, multilevel funding and support for, 23; Teaching and Learning Assessment Strategy (2005–2010), 16

Vajoczki, S., 93, 97, 98
van Oostrum, D., 16
van Zee, E., 62
Verbaan, E., 16
Victoria University of Wellington, 40
Vine, M. M., 97, 98
Virginia Wesleyan College (VWC), 106, 108, 109, 111, 114, 115; and first-year course implementation and assessment, 55–57; inquiry-guided program design at, 52–54; using inquiry-guided faculty development to create inquiry-guided learning curriculum at, 51–58
“Virtual Leader” software, 64
Walker, R., 5, 40–42, 107
Warry, W., 42, 62
Watkins, M., 62
Watt, S., 97, 98
Web 2.0 technologies, 22, 24
Webb, R. C., 81
Webber, S., 16, 21
Wenger, E., 31, 46
Whelan, N., 16
Wikipedia, 22
Wikis, 24
Willison, J., 72, 77
Wood, J., 42
Wright, P. A., 35
Wu, X. B., 81
Zukas, M., 31