Appendix: Websites of Interest
(Organized by Chapter)

1. What is mentoring and who is a mentor?
   I. http://managementhelp.org/guiding/mentrng/mentrng.htm
      • An informative site from the Free Management Library with multiple well-written articles describing the subject of mentoring.

2. Why mentoring is important and evidence it makes a difference
   I. http://www.business.brookes.ac.uk/research/areas/coachingandmentoring/
      • The homepage of the *International Journal of Evidence-based Coaching and Mentoring*, a biannual publication with research-based articles on mentoring.

3. What are the qualities of an outstanding surgical mentor?
   I. http://www.inparaeducators.org/mentoring/mentoring.html
      • A self-learning module from the field of education on mentoring, with a focus on qualities of good mentors.

4. How and where should surgical mentoring be performed?
   I. http://www.socraticmethod.net/
      • A comprehensive description of the Socratic method.

5. Mentoring women surgeons
   I. http://www.womensurgeons.org/
      • The homepage of the Association of Women’s Surgeons, with many resources for the female surgeon.
   II. http://bms.brown.edu/wim/momdocfamily.html
      • A site offering mentorship and support for multidisciplinary women physicians facing the challenges and rewards of combining a medical career with motherhood.
   III. http://www.mentornet.net/
      • E-mentoring network particularly but not exclusively for women in the sciences, mathematics and engineering. Relevant generic information on mentoring.
6. Mentoring International Medical Graduates
      - The homepage of the International Medical Graduate division of the American Medical Association, with guidelines and resources for the international graduate.

7. How to develop faculty mentors
   I. http://www.faculty.harvard.edu/development-and-mentoring
      - A Harvard University website dedicated to faculty development and mentoring.

8. How to choose a mentor
      - A webcast with advice on selecting a mentor, featuring Ralph Lazzaro, M.D.

9. Future directions
   I. www.sp.tamucc.edu/pulse
      - A website about “Pulse!!,” an advanced video game that simulates health care scenarios.
   II. www.ssih.org
      - The homepage of the Society for Simulation in Healthcare.
   III. www.simcen.org
      - The Uniformed Services University’s medical simulation website, detailing its publications, workshops, people, projects and hardware.
   IV. www.immersion.com/medical
      - The website of Immersion, a company active in medical simulation.
   V. www.harvardmedsim.org
      - The website of Harvard’s Medical Simulation Center.
Index

A
Aggarwal, R., 155
Agle, S.C., 96
American College of Surgeons (ACS), 31, 33, 34, 73, 74, 76, 81–83, 87, 89, 91, 108, 110, 121, 138, 147
Andrew, R., 99, 105
Anthony, A., 147
Anzai, Y., 134
Apprenticeship, 7, 8, 145
Association of Women Surgeons, 73, 81–83, 86, 89
Availability, 38, 42, 55, 74, 75, 100, 116, 137, 138, 148, 152

B
Balasundaram, I., 155
Barker, C.F., 17
Barondess, J.A., 3–5
Bates, J., 99, 105
Berg, J., 126
Berk, R.A., 126
Berman, L., 22
Bills, J.L., 78
Blair, J.E., 80
Bland, C.J., 42
Blixen, C.E., 125
Buchwald, H., 33
Bui, V., 83
Burd, R.S., 68
Business mentoring, 52
Buyske, J., 80

C
Cerio, D.R., 98, 100
Challacombe, B., 156
Character, 29–35, 43
Childcare, 12, 73, 75, 77–79, 84
Christein, J.D., 95
Ciardi, J., 38
Coats, R.D., 68
Cochran, A., 42
Colletti, L.M., 62
Coluccio, G., 94, 98, 99, 105
Cook, J.K., 95
Copeland, E.M., III, 31
Cosman, P.H., 147
Crane, L.A., 128
Cregan, P, 147
Crichlow, R.W., 17
Cultural differences, 98, 99
Curiosity, 25, 26, 37–38
Curreri, P.W., 17
Curry, L.A., 22
Curtis, P., 21

D
Daloz, L.A., 25
Darrow, C.N., 136
DeAnda, A., 147
DeBakey, M.E., 106
Dennis, K., 128
Desbiens, N.A., 97
Discrimination, 75–77, 97–98, 101
Divino, C.M., 57
Index

Dobbie, A., 63
Dudrick, S.J., 17
Dunnington, G.L., 37, 54, 116
Durley, J.R., 58

E
Eby, L.T., 58
Effort report, 120, 121
Elzubier, M.A., 41
Enger, T.M., 95
English proficiency, 98, 101
Ericcson, K.A., 148
Evans, S.C., 58

F
Faculty discontent, 113, 114, 128–130
Failed mentoring, 58–60
Family responsibilities, 73–75, 77–78, 84
Fedorka, P., 24
Fernandez, G., 128
Files, J.A., 80
Financial remuneration, 114–116, 120–121
Finnegan, J.O., 17
Foreign medical graduates, 12, 93–110
Foy, H., 94, 98, 99, 105
Frankel, R.M., 128

G
Gaba, D.M., 147
Gaughan, J., 153
Gender-based discrimination, 75–77
Gender equity, 84
Goodnight, J.E., Jr., 85

H
Hernandez, J.M., 57
Hess, R., 134, 142
Hewett, P.J., 147
History of mentoring, 6–7
Holt, R., 29, 31
Homer, 6
Horvath, K., 94, 98, 99, 105
Hull, A.L., 125
Humanism, 4, 29, 35–37, 89

I
IMG. See International medical graduates
Incentives, 36, 74, 113, 115, 116, 120–121, 129, 130
Integrity, 6, 24, 29–35, 43
Intentional mentoring, 48
International medical graduates (IMG), 93–110
leaders in U.S. surgery, 95, 107–110
mentors, 104

J
Jackson, V.A., 128, 133
Jensen, A.R., 21, 153
Johns, D.F., 47

K
Karamanoukian, R., 23
Kavoussi, L., 156
Klein, E.B., 136
Knight, S.M., 128
Knowledge proficiency, 30, 33, 38–40
Ko, C.Y., 23, 24
Koop, C.E., 17
Kreckler, S., 20, 21

L
Lack of female mentors, 74
Langlotz, C.P., 134
Language barrier, 35
Lanphear, B.P., 21
Leach, D.C., 150
Lee, J.N., 134
Leon, L.R., 93
Levinson, D.J., 136
Levinson, M.H., 136
Levy, A.E., 21
Lewis, B.J., 22, 57
Lind, D.S., 83
Index

Loghmanee, C.F., 98, 100
Love, K.M., 96
Lowenstein, S.R., 128

M
Maddern, G.J., 147
Maintaining mentoring, 13, 140, 141
Marušić, A., 18, 19
Maternity leave, 75, 78–79, 84
Mayer, A.P., 80
McCord, J.H., 24
McDermott, W., 3
McDonald, R., 24
McKee, B., 136
Meetings with mentors, 104, 133, 137–139, 143, 144, 162
Men mentoring women, 73
definition, 5
responsibilities, 134–141
culture, 101, 117–118, 130, 143
devalued, 116–117
by example, 23, 36, 46–47, 65
moments, 48–49
rationale, 15
in research laboratory, 68–69, 94, 100, 126
by surgical residents, 24, 56–58, 130
techniques, 46
Mentor selection, 139–141
Middleton, P.F., 147
Miller, L.D., 17
Miller, R.S., 94
Mills, J.I., 93
Milner, R., 153
Monteiro, F.M., 127
Mortimer, R., 126
Mosaic mentoring, 119, 145, 159–160, 162
Mouhlas, A., 40
Multiple mentors, 1, 12, 13, 73, 84, 91, 133, 134, 143
Murphy, M.A., 20, 21
Musunuru, S., 57
Mutha, S., 58

N
Nance, F.C., 17
Neequaye, S., 20, 21
Negative mentoring, 45, 46, 58, 64
Negative stereotype, 97–98
Networking, 73, 77, 85–86, 91, 105
Nguyen, S.Q., 57
Nora, A., 127

O
Objective assessment of technical skill, 145, 160–161
Obstacles to mentoring, 113, 130
O’Herrin, J.K., 22
Oh, R.C., 47
Ojeda, H., 93
Omary, M.B., 119

P
Palepu, A., 128, 133
Palis, B.E., 85
Papadakis, M., 35
Papp, K.K., 125
Parsons, T., 33
Patriciu, A., 156
Paukert, J.L., 42
Pellegrini, C., 94, 98, 99, 105
Pellegrino, E.D., 33
Personal computers, 145, 158–159
Phillips, S.E., 78
Pololi, L.H., 128
Pregnancy, 12, 54, 73, 78
Professionalism, 29–33, 43, 141, 162
Protected time, 37, 63, 113, 114, 118, 121–122, 124

Q
Qualities of mentor, 14

R
Rekkas, S., 83
Relative value units (RVUs), 115, 121
Resident-delegated mentoring, 124
Resident selection, 23–25
Reverse mentoring, 47, 52, 57
Rhoads, J.E., 16–18
Rikkers, L.F., 22, 57
Rizk, D.E.E., 41
Rogers, J., 127
Rosenthal, M.S., 22
RVUs. See Relative value units

S
Sachdeva, A.K., 104
Sambunjak, D., 18, 19
Satava, R.M., 154
Scales, E.M., 42
Schenarts, P.J., 96
Schur, E., 134
Simpson, D.E., 42
Simulation, 19–21, 32, 40, 67, 103, 145, 147–154, 156, 159, 161, 162
Singletary, S.E., 77
Sippel, R.S., 24
Smythe, W.R., 124
Snyder, R.A., 78
Socratic method, 7, 45–48, 71
Souba, W.W., 3, 5, 32, 104
Steinberg, S.M., 32
Steiner, J.F., 21
Steinert, Y., 104
Stern, D.T., 35
Straus, S.E., 18, 19
Sturm, L.P., 147
Surgeon-scientist mentor, 124–125
Surgeon shortage, 73, 94, 95
Surgical mentoring, 2, 8–9, 11–27, 29, 39, 45–71, 130, 145–147, 150, 155, 156, 158, 159, 161, 162
Surgical simulation, 147–150, 152–154
Sutherland, L.M., 147
Szalacha, L., 128, 133

T
Takayama, J.I., 58
Teaching skills, 30, 40–41, 57, 120, 123, 150
Technical expertise, 29, 30, 39–40, 43, 69
Telementoring, 13, 145, 156–158, 161, 162
Terminating mentoring, 142
Thankur, A., 24
Thomasma, D.C., 33
Training mentors, 19, 21, 24, 95
Troppmann, K.M., 85
Tysinger, J.W., 63

U
Ullian, J.A., 42
US medical school graduates (USMG), 93–97, 101, 104, 105, 110

V
Verbal feedback, 45, 60–63, 71, 113, 114, 120, 125–127, 130
Vidaillet, H.J., Jr., 97
Virtual reality, 147, 152, 154–157, 161

W
Walsh, A., 104
Ward, J., 155
Whitcomb, M.E., 94
Whang, E.E., 23
Wilmore, D.W., 17
Windsor, J.A., 147
Wolfther, C.C., Jr., 17
Women mentoring women, 74, 80–81
Wright, A.S., 21
Written evaluation, 45, 60, 113, 114, 120, 122, 125–127

Z
Zerzan, J.T., 134, 141