

Marjorie Lindner Gunnoe, Ph.D.

Calvin University
Department of Psychology
1734 Knollcrest Circle SE
Grand Rapids, MI 49546
PH: 616-526-6227
FAX: 616-526-6537

mgunnoe@calvin.edu

EDUCATION

NIMH Research Training Grant in Primary Prevention, Arizona State University

Post-doctoral training, 1993-1994

The University of Virginia, Charlottesville, VA

Ph.D., Psychology, 1993

Specialties: Developmental & Quantitative

The University of Virginia, Charlottesville, VA

M.A., Psychology, 1990

Hope College, Holland, MI

B.A., Psychology, 1987

EMPLOYMENT HISTORY

1996 – Present (tenured February, 2003)

Professor, Calvin College/University, Grand Rapids MI

1995-1996

Research Associate, Child Trends, Inc., Washington, DC

Fall 1992

Visiting Lecturer, The University of Maryland European Division, Heidelberg, Germany

1990-1992

Consultant, The University of Virginia Teaching Resource Center, Charlottesville, VA

1987-1992

Instructor & TA, The University of Virginia Department of Psychology, Charlottesville, VA

EXPERTISE

Marjorie Lindner Gunnoe is a developmental psychologist with strength in the application of quantitative methods. She teaches courses in human development and youth faith formation. She is currently writing a book that compares five psychological perspectives on development with a Christian one (contract with InterVarsity Press). Gunnoe's empirical research often focuses on parenting as a function of family context (e.g., divorced, adoptive, religious, ethnic). In her early years at Calvin she collaborated with researchers at Notre Dame on the Portraits of American Life Study. Gunnoe is the primary investigator for the Youth component of this project.

Prior to coming to Calvin in 1996, Gunnoe worked at Child Trends, Inc. in Washington DC. As a member of the design team for the National Longitudinal Survey of Youth (97 cohort) conducted by the U.S. Dept. of Labor, she held primary responsibility for the development of modules assessing family relationships, prosocial adolescent outcomes, religiosity, and family history (marital transitions, children's school transitions, etc.) In addition to NLSY-97, she was involved in three longitudinal studies of single-parent and stepfamilies and has conducted secondary data analyses on several national databases. Two of these studies included observational components and she has been trained in the behavioral coding of family interactions.

Gunnoe is knowledgeable in the development and evaluation of intervention programs. As a post-doctoral fellow in the Program for Prevention Research at Arizona State University she assisted in the design, development and delivery of an intervention program for recently divorced noncustodial fathers. In an effort to facilitate the development of intervention programs more appropriate for multicultural settings, Gunnoe worked on the construction and validation of a chronic life events schedule for low income urban adolescents.

Gunnoe has many publications in journals, monographs and edited books. She is best known for her 1997 publication on spanking in the *Archives of Pediatric and Adolescent Medicine* which drew national media attention after being reviewed by the *New York Times* and *U.S. News and World Report*. This research was instrumental in Parliamentary proceedings in Canada and Israel when these countries were debating their corporal punishment laws.

Courses taught

- Child Development
- Adolescent Development
- Lifespan Development
- Youth Faith Development and Spiritual Formation
- Introduction to Psychology
- Educational Psychology
- Practicum: Children at Risk
- Developing the Christian Mind

HONORS AND AWARDS

Community-Based Teaching Award (with Emily Helder), Calvin College, 2018
Top 25 Psychology Professors in Michigan
 (<http://onlineschoolsmichigan.com/top-college-professors-in-michigan/psychology/>)
Calvin Center for Christian Scholarship Grant – 1 Course release to craft an analysis of Erikson, Learning theory, and Epigenetic Systems theory from a Christian Worldview, 2011-2012
Calvin Center for Social Research Project Fellow – 8 Course releases to organize an interdisciplinary survey of religiosity and family functioning, 2004-2007
Calvin Institute for Christian Worship Grant, \$75,000 to fund the Portraits of American Life Study - Youth Component, Fall 2004
Calvin Center for Christian Scholarship Grant, \$25,000, to fund the Portraits of American Life Study - Youth Component, Fall 2004
Calvin Research Fellowship / Diekema Fellow – 1 Course release to publish research on noncustodial mothers, Spring 2002
Interim Study Leave to publish research on youth religiosity, Interim 1999
Calvin Summer Research Fellowship to publish research on joint legal custody, Summer, 1998
The University of Virginia Outstanding Graduate Teaching Assistant Award, 1991
Highest Distinction, University of Virginia Graduate Comprehensive Exams, 1990
Phi Beta Kappa, 1987
Psi Chi, 1986

PROFESSIONAL ORGANIZATIONS & SELECTED SCHOLARLY ACTIVITIES

Parenting: A Journal of Science and Practice, editorial board (2015-2017)
 Calvin College Institutional Review Board (2014 – 2015, Chair Fall 2017, 2018)
 Ad-hoc reviewer
British Journal of Developmental Psychology; Child Abuse & Neglect, Child Development, Developmental and Behavioral Pediatrics, European Journal of Developmental Psychology, Family Process, Family Relations, International Journal of Pediatrics, International Journal for the Psychology of Religion, Journal of Family Issues, Journal of Family Psychology, Journal for Research on Adolescence, Journal for the Scientific Study of Religion, Parenting: Science and Practice, Psychology of Religion and Spirituality, Review of Religious Research, Social Development, Social Forces, Qualitative Research in Psychology, Qualitative Sociology
 Psi Chi / Midwest Psychological Association, reviewer of student submissions, 2002 - 2015
Science of Generosity Project, Grant reviewer, January, 2010
Religious Practice and the Family: What the Research Says, Invited respondent, Wash DC, Oct. 2009.
 Psi Chi Steering Committee, Northwest Region, 2005 – 2009.
Googling Youth in Troubled Times, Kuyers Institute conference, Invited panelist, July, 2006
 McGregor Sophomore Scholars Program at Calvin College, faculty mentor, 2002 - 2006
 Center for Social Research at Calvin College, Governing Board, 1997-2004 (chair 2002-2004)
Morality, Culture, and the Power of Religion in Social Life, Calvin Summer Seminar, Participant, 2001
 Paul Henry Institute for the Study of Christianity and Politics, Governing Board, 1997-2001
 Psi Chi, Calvin College chapter, Faculty advisor 1997 – 2001
 Reaffirming Marriage Initiative, Wash. DC., Scholar-consultant, March 2001
 Society for Research in Adolescence, 1991-2000
 Reviewer for 2000 biennial meetings (Parenting & parenting contexts panel)
 Student representative to the executive council, 1992-1994
 Legal brief consultant (challenge to the Canadian Constitution’s provision for parents to use reasonable force in disciplining children), 1999.
 National Longitudinal Survey of Youth (1997 cohort), Design Team, 199 –1997, Consultant 1998–1999

 PEER-REVIEWED PUBLICATIONS

- Larzelere, R.E., **Gunnoe, M.L.**, Roberts, M.W., Lin, H., & Ferguson, C.J. (2019). Causal Evidence for Exclusively Positive Parenting and for Timeout: Rejoinder to Holden, Grogan-Kaylor, Durrant, and Gershoff (2017). *Marriage and Family Review*.
- Larzelere, R.E., **Gunnoe, M.L.**, Ferguson, C.J., & Roberts, M.W. (2019). The insufficiency of the evidence used to categorically oppose spanking and its implications for families and psychological science: Comment on Gershoff et al. (2018). *American Psychologist*.
- Larzelere, R.E., **Gunnoe, M.L.**, & Ferguson, C.J. (2018). Improving causal inferences in meta-analyses of longitudinal studies: Spanking as an illustration. *Child Development*, 89(6), pp. 2038-2050. <http://dx.doi.org/10.1111/cdev.13097>
- Larzelere, R.E., **Gunnoe, M.L.**, Roberts, M.W., & Ferguson, C.J. (2017, electronic in 2016). Children and parents deserve better parental discipline research: Critiquing the evidence for exclusively "Positive" Parenting. *Marriage and Family Review*, 53(1), pp. 24-35. DOI: 10.1080/01494929.2016.1145613
- Gorter, B.A., Helder, E.J., Oh, Y.I., & **Gunnoe, M.L.** (2017). Are disinhibited social behaviors among internationally adopted children mediated by attachment environment or by children's difficulties with inhibitory control? *Adoption Quarterly*, 20(4), 291-308.
- Helder, E.J., Brooker, B., Kapitula, L.R., Goalen, B. & **Gunnoe, M.L.** (2016). Predictors and correlates of inattentive/overactive behaviors in internationally adopted children, *Applied Neuropsychology: Child*, 5(4), pp. 237-251. <http://dx.doi.org/10.1080/21622965.2015.1038207>
- Jensen, R.J., Helder, E.M., & **Gunnoe, M.L.** (2016). Attachment disturbances delay language acquisition in internationally adopted children. *Adoption Quarterly*, 19 (3), 210 – 223. DOI: 10.1080/10926755.2016.1201709
- Helder, E.J., Mulder, E., & **Gunnoe, M.L.** (2014). A longitudinal investigation of children adopted internationally at school age. *Child Neuropsychology*, 22 (1), 39-64. <http://www.tandfonline.com/doi/abs/10.1080/09297049.2014.967669#.VK7HAIvF9NM>
- Gunnoe, M.L.** (2013). Associations between parenting style, physical discipline, and adjustment in adolescent reports. *Psychological Reports*, 112(3), 933-975. <http://journals.sagepub.com/doi/pdf/10.2466/15.10.49.pr0.112.3.933-975>
- Gunnoe, M.L.** & Beversluis, C.D. (2009). And a teen shall lead them: The relationship between worship experiences and youth religiosity in the Panel Study of American Religiosity and Ethnicity (PS-ARE). *Journal of Psychology and Christianity*, 28(3), 236-247.
- Gunnoe M.L.**, Hetherington, E.M., & Reiss, D. (2006). The differential impact of fathers' authoritarian parenting on early adolescent adjustment in conservative Protestant vs. other families. *Journal of Family Psychology*, 20(4), 589-596.
- Gunnoe, M. L.**, & Hetherington, E.M. (2004). Stepchildren's perceptions of noncustodial mothers and noncustodial fathers: Differences in socio-emotional involvement and associations with adolescent adjustment problems. *Journal of Family Psychology*, 18(4), 1-9.
- Gunnoe, M.L.**, & Moore, K.A. (2002). Predictors of religiosity in young adulthood: A longitudinal study of the National Survey of Children. *Journal for the Scientific Study of Religion*. 41(4), 613-622.

- Gunnoe, M.L.**, & Braver, S.L. (2001). The effects of joint legal custody on mothers, fathers, and children controlling for factors that predispose a sole maternal vs. joint legal award. *Law and Human Behavior*, 25 (1), 29-47.
- Gunnoe, M. L.**, Hetherington, E.M., and Reiss, D. (1999). Parental religiosity, parenting style, and adolescent social responsibility. *Journal of Early Adolescence*, 19 (2), 199-225.
- Mulder, C.M. & **Gunnoe, M.L.** (1999). College students' attitudes toward divorce based on gender, parental divorce, and parental relationships. *Journal of Divorce and Remarriage*, 31 (1/2), 179-188. (Mulder's senior honors' project)
- Gunnoe, M.L.**, & Mariner, C.L. (1997). Toward a developmental/contextual model of the effects of parental spanking on children's aggression. *Archives of Pediatric and Adolescent Medicine*, 151(8), 768-775.
- Lindner, M.S.**, Stanley Hagan, M., and Cavanaugh Brown, J. (1992). The adjustment of children in nondivorced, divorced single-mother, and remarried families. In *Coping with Marital Transitions: A Family Systems Perspective*, by Hetherington, E.M. and Clingempeel, W.G. in collaboration with Anderson, E.R., Deal, J.E., Hagan, M.S., Hollier, E.A., and Lindner, M.S., Monographs of the Society for Research in Child Development, Vol. 58/59.
- Anderson, E.R., **Lindner, M.S.**, and Bennion, L.D. (1992). The impact of family relations on adolescent development during family reorganization. In *Coping with Marital Transitions: A Family Systems Perspective*, by Hetherington, E.M. and Clingempeel, W.G. in collaboration with Anderson, E.R., Deal, J.E., Hagan, M.S., Hollier, E.A., and Lindner, M.S., Monographs of the Society for Research in Child Development, Vol. 58/59.
- Hetherington, E.M. and Clingempeel, W.G. in collaboration with (alphabetically...) Anderson, E.R., Deal, J.E., Hagan, M.S., Hollier, E.A., and **Lindner, M.S.** (1992). *Coping with Marital Transitions: A Family Systems Perspective*, Monographs of the Society for Research in Child Development, Vol. 58/59.

BOOK CHAPTERS, REVIEWS, POPULAR PERIODICALS & MANUALS

- Gunnoe, M.L.** & Beversluis, C.D. (2009). Youth, worship, and faith formation: Findings from a national survey. *Reformed Worship*, 91, 17-19.
- Gunnoe, M.L.** (2006). Invited review of the book *Corporal Punishment of Children in Theoretical Perspective*. *Journal of Marriage and the Family*, 68, 1-2.
- Gunnoe, M.L.** (2004). Invited review of the book *My Brother's Keeper: What the social sciences do (and don't) tell us about masculinity*. *Calvin Theological Journal* 39(1), 230-232.
- Gunnoe, M.L.** (2003). Two models of Christian marriage: Scripture, social science, and the question of hierarchy vs. partnership. In S.W. VanderStoep (Ed.) *Science of the Soul: Christian Perspectives on Psychological Research* (pp. 269-302). Lanham, MD: University Press of America.
- Gunnoe, M.L.** (2003). Response to Heather Looy's "Is our fate in our genes?" In S.W. VanderStoep (Ed.) *Science of the Soul: Christian Perspectives on Psychological Research*. Lanham, MD: University Press of America.

- Gunnoe, M.L.** (2003). Response to Heather Looy's "Gender and sexuality: Constancy and change." In S.W. VanderStoep (Ed.) *Science of the Soul: Christian Perspectives on Psychological Research*. Lanham, MD: University Press of America.
- Moore, K.A., McGroder S., Hair, E.C., & **Gunnoe, M.L.** with Richter, K., Mariner, C., Driscoll, A., & Sargent, J. (1999). National Longitudinal Survey of Youth 1997 Round 1: Family Process and Adolescent Outcome Measures. Child Trends, Inc., Wash DC.
- Zaslow, M.J., Mariner, C.L., Moore, K.A., Botsko, C., Sugland, B., **Gunnoe, M.L.**, and Greer, T. (1999). Goals and methods of the pilot test for a new survey measure of mother-child relations in middle childhood. Child Trends, Inc. Wash DC.
- Mariner, C.L., Zaslow, M.J., Botsko, C., Sugland, B., Moore, K.A., **Gunnoe, M.L.**, Floryan, J.A., Tout, K., and Halle, T. (1999). Survey measures of the Mother-Child Relationship for Middle Childhood. Child Trends, Inc., Wash DC.
- Gunnoe, M.L.** & Mariner, C.L. (1998). In Reply: Response to Miller in the Pediatric Forum. Invited by the *Archives of Pediatric and Adolescent Medicine*, 152, 309.
- Gunnoe, M.L.** & Mariner, C.L. (1998). Parental spanking interview schedule. [ONLINE]. [CD-ROM]. Abstracts from: OVID Technologies. HaPI item: 152997.
- Gunnoe, M.L.** (1993). Noncustodial parents' contributions to the adjustment of adolescent stepchildren. Unpublished Dissertation, University of Virginia.
- Barnett, M.A., and **Lindner, M.S.** (1991). *Teaching at the University of Virginia: A Handbook for Faculty and Teaching Assistants*. Publication of the Teaching Resource Center, University of Virginia, Charlottesville, VA 22903.
- Lindner, M.S.** (1990). Family background and family process stressors as predictors of adolescent adjustment. Unpublished Masters' thesis, University of Virginia.

SELECTED CONFERENCE PAPERS AND PRESENTATIONS

- Oh, YI, Gorter, B., Helder, E.J., & **Gunnoe, M.L.** (2016). Longitudinal investigation of memory and executive functioning in internationally adopted children. Poster presented at the International Neuropsychological Society Meetings, Boston, MA. (Oh's senior Honors project)
- Gorter, B., Oh, YI, Helder, E.J., & **Gunnoe, M.L.** (2016). The relationship between cognitive inhibition and disinhibited social behaviors in internationally adopted children. Poster presented at the International Neuropsychological Society Meetings, Boston, MA. (Gorter's senior Honors project)
- Gunnoe, M.L.** (2015 & 2013, February). Faith formation from birth to age 20 (in 20 minutes!) Seminar on Faith Formation in Children and Youth, breakout session. Grand Rapids Christian High School. Grand Rapids, MI.
- Walker, L, Helder, E.J., & **Gunnoe, M.L.** (2012). Assessment of the validity of placement practices in adoption: the impacts of family structure and family size on adjustment in international adoption. Poster presented at the Midwest ECO Conference, Lansing, MI. (Walker's senior Honors project)

- Gunnoe, M.L.** & Beversluis, C.B. (2012, March). Participation in authoritative communities as a predictor of adolescent adjustment. Poster presented at the meetings of the Society for Research on Adolescence. Vancouver, BC.
- Gunnoe, M.L.** (2011, April). Ratings of parenting style and psychosocial functioning by youth who recall no physical discipline, physical discipline only during childhood, and recent physical discipline. Keynote address. Michigan Undergraduate Psychological Research Conference. Grand Rapids, MI.
- Gunnoe, M.L.** (2011, April). Do authoritative parents spank? Evaluations of parents by never-spanked youth and youth spanked during different developmental periods. In M.L. Gunnoe (chair), *The Control Component of Authoritative Parenting*. Symposium conducted at the meeting of the Society for Research in Child Development, Montreal, Quebec.
- Gunnoe, M.L.** (2011, January). A social scientific critique of hierarchical and egalitarian models of marriage. Invited lecture. Gender Studies Lecture Series. Calvin College, Grand Rapids, MI.
- Gordon, K. & **Gunnoe, M.L.** (2010, April). Measuring Fowler: Validating existent measures of Fowler's stages of faith. Presentation at the Michigan Undergraduate Psychology Research Conference. Grand Rapids, MI. (Gordon's senior Honors project.)
- Gunnoe, M.L.** (September, 2009). Brain development from conception to age 20. Half-day session at the annual conference of the Juvenile Justice Association of Michigan. Bellaire, MI.
- Gunnoe, M.L.** (2009, April). Spanking per se is not a risk during childhood: Replication across 11 outcomes in 6 demographic groups. In A.G. Fauchier (Chair) What is the real impact of corporal punishment? Influences on parenting, the parent-child relationship, and child outcomes. Symposium conducted at the biennial meetings of the Society for Research in Child Development, Denver, CO.
- Gunnoe, M.L.** & Beversluis, C.D. (2009, April). And a teen shall lead them: Associations between 4 worship experiences and 10 measures of youth religiosity. Poster presented at the Society for Research in Child Development Pre-conference on Religious and Spiritual Development, Denver, CO.
- Medeiros-Ward, N. & **Gunnoe, M.L.** (2008, April). Predictors of teenage expectations of being married by age 30. Poster presented at the annual meetings of the Midwest Psychological Association, Chicago, IL. (Medeiros-Ward's senior Honors project)
- Gunnoe, M.L.** (2008, March). The Color Scale: A brief survey measure of parenting style. Poster presented at the biennial meetings of the Society for Research in Adolescence, Chicago, IL
- Gunnoe, M.L.** (2008, February.) Two models of Christian marriage: Scripture, social science, and the question of hierarchy vs. partnership. Invited lecture, Calvin College Gender Lecture Series.
- Gunnoe, M.L.** (2008, January). Disciplining children in an undisciplined world. Invited panelist presentation, Calvin Seminary.
- Gunnoe M.L.**, Hetherington, E.M., & Reiss, D. (2007, March). The differential impact of fathers' authoritarian parenting in conservative Protestant vs. other families. Poster presented at the biennial meetings of the Society for Research in Child Development, Boston, MA.
- Gunnoe, M.L.** & Beversluis, C.D. (2007, January). What teens want and need during worship. Preliminary findings from the Panel Study of American Religiosity and Ethnicity (PS-ARE: Youth). Calvin Symposium on Worship. Grand Rapids, MI.

- Gunnoe, M.L.** & Manor, R. (2006, September). Brain development from conception to age 20: What should happen and how to help when things go wrong. Seminar for the Ionia Community Health Department, Ionia, MI.
- Brunink, K. & **Gunnoe, M.L.** (2005, May). Parental divorce as a predictor of changes in youths' religious behavior. Calvin College Undergraduate Psychology Conference. Grand Rapids, MI. (Brunink's senior Honors' project).
- Gunnoe, M.L.** (2003, April). The whole is less than the sum of its parts: Problems with meta-analyses that seek to homogenize incongruent groups. In R.E. Larzelere (Chair), *Linking physical discipline to child outcomes: When are causal inferences justified?* Symposium conducted at the biennial meetings of the Society for Research in Child Development, Tampa, FL.
- Gunnoe, M.L.** (2003, January). The differential impact of fathers' authoritarian parenting on early adolescent adjustment in conservative Protestant families vs. other families. Presented at the *Morality, Culture, and the Power of Religion in Social Life* consultation, Grand Rapids, MI.
- Gunnoe, M.L.** (2001, October). Helping children adjust to divorce and remarriage. Invited address, Christian Educators Association Conference, South Bend, IN.
- Kallemeyn, L. M. & **Gunnoe, M.L.** (2001, May). Parenting and young adult religiosity as mediators of the association between maternal religiosity and young adult well-being. In *Symposium for Psi Chi Regional Award Winners*. Presented at the annual meetings of the Midwest Psychological Association, Chicago, IL. (Kallemeyn's senior Honors project)
- Gunnoe, M.L.** (2001, April) To spank or not to spank? Keynote address. Michigan Undergraduate Psychology Conference, Grand Rapids, MI.
- Gunnoe, M.L.**, & Moore, K.A. (2000, April). Predictors of religiosity in young adulthood: A longitudinal study of the National Survey of Children. Poster presented at the biennial meetings of the Society for Research in Adolescence, Chicago, IL.
- Gunnoe, M.L.** (1998, February). Parental religiosity as a predictor of parenting style and adolescent social responsibility. Poster presented at the biennial meetings of the Society for Research in Adolescence, San Diego, CA.
- Gunnoe, M.L.**, Mariner, C.L., Moore, K.A., & Greer, T. (1996, April). The context of spanking. Presented at the NICHD/UNC sponsored conference *Research on Discipline: The State of the Art, Deficits, and Implications*, Chapel Hill, NC.
- Gonzales, N., **Gunnoe, M.L.**, Samaniego, R.Y. & Jackson, K.M. (1996, March). Life stress in multiethnic, urban environments: Validation of a stress scale for ethnic minority adolescents. Poster presented at the Diez Anos Conference, Hispanic Research Center, Arizona State University, Tempe, AZ.
- Gonzales, N., **Gunnoe, M.L.**, Samaniego, R.Y. & Jackson, K.M. (1995, June). Validation of a stress schedule for adolescents living in multiethnic, urban environments. Poster presented at the biennial Conference on Community Research & Action, Chicago, IL.
- Gunnoe, M.L.** (1994, February). Noncustodial mothers' and fathers' contributions to the adjustment of adolescent stepchildren. In *Family transitions and adolescent adjustment: Impact of divorce, remarriage, and repartnering*. Presented at the biennial meetings of the Society for Research in Adolescence, San Diego, CA.

- Gunnoe, M.L.** (1994, February). Noncustodial parents: Main effects or interactions? Poster presented at the biennial meetings of the Society for Research in Adolescence, San Diego, CA.
- Lindner, M.S.** (1992). When mom and dad and adolescent make four: Children's perceptions of their relationships with three parents. Poster presented at the biennial meeting of the Society for Research in Adolescence, Washington DC.
- Hetherington, E.M., **Lindner, M.S.**, Miller, N., and Clingempeel, W.G. (1991). Work, marriage, and parenting in nondivorced and remarried families. Presented at the biennial meeting of the Society for Research in Child Development, Seattle, WA.
- Lindner, M.S.** (1991). Models of stress-buffering: Legitimate, illegitimate, and waiting to be adopted. Poster presented at the annual meeting of the American Psychological Society, Washington, D.C.
- Lindner, M.S.** (1990). The relation between family transitions and other factors contributing to adolescent adjustment. Poster presented at the biennial meeting of the Society for Research in Adolescence, Atlanta, GA.
- Lindner, M.S.**, Hetherington, E.M., and Clingempeel, W.G. (1990). Family background and family process stressors as predictors of externalizing, internalizing, and competence in adolescence. Poster presented at the biennial Conference on Human Development, Richmond, VA.
- Lindner, M.S.** and Anderson, E.R. (1988). Resiliency and vulnerability in psychosocial functioning during the adaptation to remarriage. Presented at the biennial Conference on Human Development, Charleston, SC.