
Building a Strong Web: Connecting Information Spaces in Schools and Communities

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ABSTRACT

Informed by Progressive education reforms of the nineteenth and twentieth century, progressive movements in librarianship, the social responsibility movement within the American Library Association (ALA), and recent collaborations of ALA's youth-focused divisions, the authors link historical precedents with current examples, ideas, and practices to inform initiatives in education and literacy programming. Progressive librarians and educators share a history of common goals. The article explores how these histories connect with current examples of interinstitutional collaborations among educators, school libraries, public libraries, universities, and community organizations. This paper traces Progressive librarianship to Youth Community Informatics (YCI), collaborative programs in which public libraries, school libraries, teachers, community organizations, and universities connect to form new services or teaching models that connect learning to life in an integrated way. These programs are developing innovative approaches to teaching students; promoting literacy; and encouraging critical thinking and community connectedness within schools, libraries, and community contexts.

As professionals working with youth in community settings, we acknowledge the need to do more with less funding and the increasing needs of those whom librarians, teachers, and program providers serve. But beyond funding, the fundamental needs of our communities remain our core motivation. Students still need to be inspired to learn. Children and adults need places in the community to support their social and intellectual life. Libraries are one of those places. Schools are another.

It seems natural that these institutions would be building and maintaining collaborative partnerships, leveraging the resources of each entity toward common outcomes. But more often structures of professionalization and institutionalization have blocked connections between learning and life that make possible individual and community growth. Research has identified barriers to the formation of sustainable collaborations between the formal education system and public libraries (Fitzgibbons, 2001; LaMaster, 2005). In the worst cases, the school and public libraries have a competitive approach, providing similar programs and services to the same group of young patrons (LaMaster, 2005).

We argue that building strong collaborations among schools, public libraries, university programs, and other organizations within our communities is paramount to our combined futures and our collective goals of literacy, universal education, and community empowerment. For this discussion, we revisit the Progressive movements in the history of education and librarianship in the United States and consider how those ideas can be renewed in generating or strengthening partnerships across the various entities in communities today. Examples of this Progressivism in practice are seen in the formation of community schools and in university-community-school connections, leading us to envision new roles for school libraries, public libraries, nonprofit organizations, universities, and community members. One contemporary example is the Youth Community Informatics (YCI) project, launched in 2007 between the University of Illinois Extension 4-H network, the Graduate School of Library and Information Science, and various community partners.

Historical Precedents in Progressive Education

The idea of placing the school at the heart of a local community's life is not new. Making universal public education a reality has dominated social and political discourse since the eighteenth century. The work of such "architects of universal schooling" as Horace Mann, William Harris, and many others made broad access to a common school education a reality (Cremin, 1964). Early Progressive educators such as Francis Parker proposed practical shifts in the ways that teachers taught and students learned. Parker's child-centered approach was influenced by Jean-Jacques Rousseau, but emphasized "the learning of self-control or inner discipline, which he defined as the child's ability to postpone reward and learn to contribute responsibly to the community" (Semel & Sadovnik, 1999, p. 24).

Parker had been heavily influenced by his study of John Amos Comenius, Johann Heinrich Pestalozzi, Friedrich Froebel, and Johann Herbart as well as Jean-Jacques Rousseau, and others. He balanced education theory with a child-centered teaching practice developed through direct experimentation with teaching methods (Semel & Sadovnik, 1999). Parker's work also connected with John Dewey in Chicago, where both ran ex-

perimental schools. Their careers intersected at the end of Parker's career and at the beginning of Dewey's. Parker helped develop the curriculum for Dewey's laboratory school. Dewey considered Parker the "Father of Progressive Education" (Semel & Sadovnik, 1999, p. 25).

Perhaps the most recognized philosopher of education, John Dewey began the Chicago laboratory schools at the University of Chicago during his tenure there from 1894–1904. Scholars in education cite Dewey widely, but notably so did Progressive librarians (Drury & Masters, 1998). In his 1902 address to the National Council of Education, "The School as a Social Center," Dewey outlined core concepts that shaped the Progressive education movement in the United States. Confronted with unprecedented social changes brought on by the industrial revolution and early communications revolutions, formal educational institutions were no longer able to "support the ever-expanding industrial economy by establishing meritocracy and preparing workers for their vocational roles" (John Dewey Project, 2002). Progressive educators were interested in making schools "more effective agencies of a democratic society" by encouraging diversity and "critical, socially engaged" citizens (John Dewey Project, 2002). This was a fundamental social change that meant reenvisioning the school as an interconnected gathering point in the social life of communities, and a reordering of curriculum goals away from attempts to "achieve cultural uniformity, not diversity, and to educate dutiful, not critical citizens" (John Dewey Project, 2002).

John Dewey and other early Progressive academics, educators, and activists envisioned the school as a community center integrated with the entire community in order to build knowledge, to contextualize learning in local community issues and problems, and to maintain and pass on knowledge. For teachers, librarians, and anyone associated with the U.S. education system today, these goals will likely resonate, and they paved the way for later reforms up to the present.

Models of Community Schools Today

Learning takes place everywhere, not only in the classroom but also in many informal settings outside of school. We learn from family, friends, at community centers, in libraries, after-school programs, youth groups, and more informal places like neighborhood parks, volleyball courts, restaurants, as well as in schools and universities.

The key to this community-centered education is the collaboration across these places of learning, connections between school, families, libraries, community-based organizations, religious groups, and other cultural and business groups (Longo, 2007). However, the lack of capacity for such collaborations has caused youth to disengage from those ordinary experiences of community as classroom. Today education has become tantamount to schooling, disconnecting learners, particularly students,

from life in their cities, neighborhoods, and communities (Bruce, 2008). This disconnection of learning and real life within school has been called “democracy at risk” (Macedo, 2005); people are turning away from public spheres and losing bonds with their communities (Putnam, 1995).

Since the mid-1980s, a new twist on an old idea in U.S. education reform has been taking shape in the form of community schools (Benson, Harkavy, & Puckett, 2007). Partnerships between university academics, public schools, and a broad range of community organizations have been exploring models of Progressive education practice, attempting to build more democratic public schools and more engaged citizens. Current efforts in all types of schools—charter, magnet, parochial, alternative, community, or full-service—are reviving an agenda that started in the early nineteenth century to provide universal, democratic, meaningful education for all members of our society. The ebbs and flows of that effort are threaded through the literature of education, philosophy, library science, and others. Common throughout are the goals of reforming policy and practice for democratic access to information and education, and for the promotion of social responsibility.

Teachers and students in community schools often use resources, people, and places in their community as the focus of course inquiries using community issues as impetus for study, research, and social action. Opening school programming to community members of all ages before and after “school hours” and on weekends is a common example of how community schools reach out to their communities holistically. Community schools position themselves as central connecting points in communities for all social and community service organizations, making the school the center of educative and intellectual life in the community.

There are many models of community schools, from the highly localized to national, rural to urban, and advocates assert the necessity to avoid “cookie cutter approaches.” But common to all is a shared vision supported by a leading alliance, the Coalition for Community Schools, for “the shared responsibility of schools, families, and communities for the education of all our children” (Harkavy & Blank, 2003, p. 211). The literature on community schools certainly makes it sound appealing, but how does it really play out in practice?

Compiled research by Joy Dryfoos (2000) has shown “the positive impact of community schools on student learning, healthy youth development, family well-being and community life” (Harkavy & Blank, 2003, p. 213). This community-centered perspective broadens the role of public schools in the community. The collaborative approach to improving education is the vision of the current U.S. Secretary of Education, Arne Duncan. Duncan’s work as the superintendent of Chicago’s public schools, 2001–2009, brought a more holistic approach to dealing with the issues students, teachers, and administrators face in schools today.

Beginning with a pilot program in the late 1990s, Chicago schools began exploring how richer connections between local schools and the resources in surrounding neighborhoods and communities could improve education of students in particular. The goal of the Full Service Schools Initiative (FSSI) project was “to test a research-based framework for expanding school-based and school-linked services that would broaden support for children’s well-being and school readiness and complement other CPS core strategies” (Swanson, 2005, p. 56). The pilot evaluation found that full-service schools “increased access to programs and services, reduced mobility, reduced truancy, [and] increased test scores” (Swanson, 2005, p. 56). Successful results from the FSSI project led to a broader initiative for the “design and implementation of one hundred community schools in Chicago” (Swanson, 2005, p. 56). The Campaign to Expand Community Schools brought private and public institutions together to support the initiative.

The American Recovery and Reinvestment Act of 2009 provides more discretionary funds to the U.S. Department of Education than ever before, which will more widely promote the kinds of education reforms modeled in the charter schools and community schools that Duncan and Mayor Richard M. Daley helped build in the Chicago Public School system. This holistic and integrated approach to education provides an important framework for expanding our conception of libraries as community institutions allied with the educators and social activists.

Libraries and Community Schools

How are libraries involved in the current community schools movement? The school media specialist, who has new tools to integrate resources across disciplines and between school and society, can strengthen the traditional link between libraries and classrooms. School librarians can collaborate with teachers to acquire resources directly needed by the students and should play a central role in promoting and teaching critical literacies to students (Drury & Masters, 1998). School librarians should be integral members of the school staff, providing resources to support classroom education and serving as an expert subject area teacher in the library. The school library literature supports this perspective of leadership within the school, emphasizing collaboration with teachers (Doll, 2005).

As civic and community spaces, public libraries continue to play an important role in the continuity of education for students when school is not in session. Public librarians and youth services specialists can continue to form more partnerships with other community programs and local schools as a resource to students, teachers, and community organizations. The traditional practice by many libraries of keeping a vertical file of local community referral resources places the library in a longstanding community-based role as a connecting organization for many resources

and organizations. Durrance and Pettigrew (2002) studied libraries that have updated this service to the digital age, through involvements with freenets, website hosting for community organizations, or other means. One might envision libraries providing an online community presence to continue this practice, but relinquishing “gatekeeper” or “publisher” responsibilities to individuals from the community themselves in a more distributed work model.

Finally, public and school libraries are social and community spaces where education happens, whether formally or informally. The need for diverse public spaces where community members can come together to educate one another dialogically along with established educational institutions was an idea from the Free Schools movement as a way to acknowledge dissent and difference as legitimate and use that diversity for positive community engagement. Activists such as Paul Goodman and George Dennison built the Free School movement in the 1960s, taking Dewey’s ideas in a more radical direction. Free School ideology supported the idea of education as “a vital public function in a democratic society,” taking place in public community spaces and encouraging community members and interest groups to actively “monitor state policy, formulate their own positions, and be represented in an ongoing dialogue with other social movements over state policy” (Miller, 2002, p.169). This suggests using a consensus building process between stakeholders in schools, community organizations, libraries, and policy makers in the local, state, and federal levels.

In this time of increased economic pressures on schools and other public institutions, people come together to do the hard work that education and intellectual freedom demand. How can meaningful partnerships be built and sustained between schools, public and school librarians, families, educators, colleges, community activists, and others, to continue serving the public good? The core youth services divisions of the American Library Association (ALSC, AASL, and YALSA) began to build collaborations at the policy and leadership levels in the 1990s (Fitzgibbons, 2001). But the precedent for strong collaboration between school and public libraries can be traced back to the late nineteenth century (LaMaster, 2005). Partnerships and collaborations allow organizations with similar goals to leverage their resources with more integration and effectiveness. We suggest further that this perspective both supports the core services of public and school libraries, and also allows for the inclusion of community members, nonprofits, academic and university programs, and other organizations in local communities to work toward commonly formed goals. This mash-up of perspectives in search of common goals is a return to common themes in both the history of the U.S. education system and in the history of U.S. librarianship. Building an awareness of prior successes and failures and our knowledge of common philosophical foundations are important when beginning new cross-institutional collaborations.

EDUCATION AND LIBRARIANSHIP—VISIONING FUTURES

Following on the work of those that have come before us, we are faced with reimagining how library and information science (LIS) and education in the academy can contribute to the restoration of the ecological relationship between community and education. The resurgence of the community schools movement presents an opportunity for both educators and librarians to reach out to a broad range of community organizations, public and social services in the service of educating students, parents, and the communities surrounding the school. We argue that the histories of progressive education and of progressive librarians are philosophically and pragmatically connected, focused on the resources and practice for education of all students and communities. This is consistent with Dewey's initial vision of the school as a social center, linking the university with K-12 schools and with society in general (Dewey, 1966).

In 1992, Boyer revived Dewey's idea of schools as social centers in higher education:

At one level, the scholarship of engagement means connecting the rich resources of the university to our most pressing social, civic, and ethical problems. . . . Campuses would be viewed by both students and professors not as isolated islands, but as staging ground for action. . . . At a deep level, I have this growing conviction that what is also needed is not just more programs, but a larger purpose, a larger sense of mission, a larger charity of direction in the nation's life as we move toward century twenty-one (Boyer, 1992, p. 92).

Further supporting the idea of broad university-community-school partnerships, the Center for Community Partnerships, led by Harkavy at the University of Pennsylvania, is an example of the academy's commitment to collaboration with schools and communities for educational improvement at all levels of the education system.

University-Community Connections

Benson, Harkavy, and Puckett (2007) have pointed out that since the end of the Cold War and the fall of the Berlin Wall, there has been an increased emphasis on public and community engagement in higher education institutions. They argue that achieving "Dewey's Dream" will require leadership in civic and community engagement and collaboration with local public schools and communities from higher education institutions. (Benson, Harkavy, & Puckett, 2007)

The basis for the research of Benson and colleagues has been the University of Pennsylvania's involvement with local schools in West Philadelphia beginning with the formation of a comprehensive school-community-university partnership initially known as the West Philadelphia Improvement Corps (WEPIC) (Benson, Harkavy, & Puckett, 2007). Beginning with a "school-based community health program," Penn academ-

ics worked to pilot a program that they hoped would eventually lead to a “mutually beneficial collaboration with the entire range of Penn’s schools, departments, institutes, centers, and administrative offices” (Benson, Harkavy, & Puckett, 2007, p. 89), not simply an effort of the school of education. An undergraduate course in anthropology was converted to “an action-oriented, strategic problem-solving, academically based community service seminar” (Benson, Harkavy, & Puckett, 2007, p. 89). Others that followed began a trend in long-term change to Penn’s undergraduate programs. Penn students work toward building resources for community schools and organizations through service learning opportunities. They also practice “communal participatory action research . . . with students, teachers, parents, and other community members” (Benson, Harkavy, & Puckett, 2007, pp. 104–105). And though these positive successes make Penn’s efforts laudable, Harkavy and Benson balance this success with discussion of the real challenges and obstacles that their work has entailed.

It became clear that educational change could not be accomplished by focusing only on schools and schooling. We increasingly realized . . . that school and school system change are intrinsically connected to community change and community mobilization and that effective community change depends on reforming the local public schools into ‘good’ public schools. (Benson & Harkavy, 2001, p. 54)

Community mobilization occurs when entities collaborate in recognition of their interrelated goals. The ecological relationship between education and community encourages significant collaborations across the various individuals, groups, and institutions in the community. We now look to an example of library and information science practitioners and academics working to build on these progressive ideas by building meaningful university-community partnerships.

University-Community Collaborations in Library and Information Science

The Youth Community Informatics (YCI) project is another example of the university working to connect with the community in the field of library and information science (LIS). With a three-year grant by the Institute for Museum and Library Services (IMLS), YCI has promoted activities that help underserved communities address their needs through the use of information and communication technologies. Youth at partner sites have explored documentary film making, created radio programs about community issues, archived local cultural documents and artifacts, and created community asset maps using geospatial technology. YCI activities have focused on enhancing the educational experiences of youth and not solely on technology skill development.

YCI staff used educational literacy activities in small chunks called *inquiry units*, structured around five points of the Inquiry Cycle: Ask, Investigate, Create, Discuss, and Reflect (Bruce, 2009). For example, the activ-

ity Information Spaces in the Community asked participants to research and learn about various information spaces used by community members. These spaces included libraries, the student union, a bus stop, and a non-profit community center. The inquiry unit was first used with a group of teens and adult volunteers in June 2008 at the YCI Youth Forum, a two-day workshop held on the University of Illinois campus. Since then it has also been adapted and used with different groups of varying age levels. An abbreviated outline of the types of activities in an inquiry unit is included below to provide some context:

ASK: How do people in the community get the information they need to learn, solve problems, and conduct their daily lives? This leads to the question: What are the information spaces in the community?

INVESTIGATE: Participants go out into the community in small groups (6–10), each with a group leader. Each group visits between one and three information spaces.

In each space, they meet with people involved, listen, and discuss. They explore the space, make a video about it using a Flip video camera, and determine geo-coordinates using a hand-held GPS receiver. This investigation takes at least 30 minutes per site, but could be extended to a half-day or multiple visits.

CREATE: Participants return to a computer lab, where they make a GIS site using Google Maps and mark the coordinates of the places they visited. This could include the path they followed. They upload their video, music, and text. In some cases they might make a podcast or slide show about their findings.

DISCUSS: Participants share their findings and the product they create with others.

REFLECT: Participants think about issues of journalism, democracy, careers, technologies, etc. Some questions they consider include

- What were the unexpected events, the surprising findings?
- How do different information centers compare?
- Do all community members have equal access to these information spaces?
- What kinds of information are available? What kinds are missing?
- How useful are the digital technologies for recording our findings? What other features might be helpful?

Engaging in this kind of community-focused research has encouraged the development of participants' technology skills, problem solving, and cooperative work strategies, writing techniques, public presentation skills, and much more. The activities used diverse technologies, but it is important to note that the focus has been on learning about the community, asking questions, and sharing findings with others, not on the technologies

per se. The most effective use of these technologies in libraries and similar settings it seems to us involves embedding that use in a larger, purposeful context. That context in turn is one way to help connect participants with other resources, such as books and structured activities.

In *Experience and Education* Dewey wrote, "The belief that all genuine education comes about through experience does not mean that all experiences are genuinely or equally educative. Education and experience cannot be directly equated to each other" (Dewey, 1938, p. 25). For Dewey, meaningful learning comes from experience through reflective thinking. But Dewey's experiential learning goes beyond merely "learning by doing." The inquiry process aims to transform situations, not simply acquire knowledge or skills; it involves embodied action in the world as much as it does thinking (Bruce, 2009; Bruce & Bishop, 2002).

We are concerned with the kinds of knowledge, values, and norms about community that youth produce with technology. Through inquiry-based activities youth not only construct meaningful learning but also connect their lives to the community and focus their learning on community change. This process empowers the participants and provides a model for future approaches to problem solving, research, and collaboration. By focusing on a project, issue, or problem, participants learn to use technology as a means to contribute to their community's knowledge base and to bring about persistent community change. This follows Dewey's argument that people should become part of the process of authority, going beyond being mere recipients of services (Dewey, 1988, p.295).

The YCI project is nearing the end of its second year (May 2009) and continues to work to enhance the capacity of collaborations across schools, libraries, community centers, universities, and other various groups in Illinois communities. Our mission is not to start new programs, but rather to bring existing groups into conversation with one another and to provide support to broaden their current programming and impact. While we currently work directly with a group of youth at each of seven sites, each project also infuses local community- and school-based activities in a way that affects many times that number.

Exploratory programs like YCI form bridges among libraries, schools, extra-curricular enrichment programs, community organizations, and the academy. We know that collaboration with groups outside school can take extra time and effort, but they result in worthwhile partnerships that have the potential to expand educational opportunities for students and connect their learning to the wider world.

CONCLUSION

We need a vision of learning and democratic participation that is grounded in community-centered, inquiry-based learning. We need to find ways to support asking meaningful questions related to actual life, investigating

through multiple means, active creation and expression of those investigations in public forums, discussion of our diverse ideas, and active community engagement that is based on reflective practice. Those ideas have been present in the progressive education movement, in community schools, and have meaningful exemplars like Youth Community Informatics, Chicago's Public Schools, and the Center for Community Partnerships. Taking these ideas seriously should lead us to a reconception and critical analysis of our current professions and institutions.

When we examine the history of American education, reform efforts have sought to address the underlying structures of power in the education system and in society in general to effectively teach people "of all ages and classes" (Dewey, 1902, p. 73). Each successive wave of reform built on the previous ones, whether acknowledged or not. Historians of progressive education have pointed to a number of factors that led to acceptance or rejection of progressive education reform at various times since universal education became a reality. Not least among these factors are political and bureaucratic climates within the government, within schools, and cultural values in general (Cremin, 1964; Graham, 1967; Ravitch, 1983; Semel & Sadovnik, 1999). But as our country is poised to begin broad reforms in our education systems once again, the democratization of educational opportunity remains a critical issue for our schools and our communities. Progressive education practices of community schools can become possible models for education reform. School libraries already are playing important roles in community schools, and public libraries also are community hubs. They provide spaces dedicated to information access, education, and literacy and should continue to do so. But there is a greater need for more community engagement and connection between libraries, schools, university programs, community organizations, local governments, etc. to build and maintain partnerships that can help better achieve the goals of educating and empowering one another. We hope that the active and sustained effort of librarians, teachers, administrators, parents, and community organizations to build the interinstitutional collaborations will help combat the barriers to universal and equitable access to information, education, and literacy.

REFERENCES

- Benson, L., & Harkavy, I. (2001). Leading the way to meaningful partnerships. *Principal Leadership*, 2(1), 54-58.
- Benson, L., Harkavy, I., & Puckett, J. (2007). *Dewey's dream: Universities and Democracies in an age of education reform*. Philadelphia: Temple University Press.
- Boyer, E. L. (1992). *Selected speeches 1979-1995*. Princeton: The Carnegie Foundation for the Advancement of Teaching.
- Bruce, B. C. (2008). Coffee cups, frogs, and lived experience. *International Journal of Progressive Education*, 4(2), 22-39.
- Bruce, B. C. (2009). "Building an airplane in the air": The life of the inquiry group. In Joni Falk & Brian Drayton (Eds.), *Creating and sustaining online professional learning communities* (pp. 47-67). New York: Teachers College Press.

- Bruce, B. C., & Bishop, A. P. (2002). Using the web to support inquiry-based literacy development. *Journal of Adolescent and Adult Literacy*, 45(8), 706–714. (Reprinted in Bruce, *Literacy in the information age: Inquiries into meaning making with new technologies*, Newark, DE: International Reading Association, 2003).
- Cremin, L. A. (1964). *The transformation of the school, progressivism in American Education*. New York: Alfred A. Knopf.
- Dewey, J. (1902). The school as social center. *The Elementary School Teacher*, 3(2), 73–86.
- Dewey, J. (1938). *Experience and education*. New York: Collier Books.
- Dewey, J. (1966). *The child and the curriculum and the school and society*. Chicago: University of Chicago Press.
- Dewey, J. (1988). *The later works of John Dewey, 1925–1953* (Vol. 13). Carbondale: Southern Illinois University.
- Dewey, J. (1988). *The middle works of John Dewey, 1899–1924* (Vol. 14). Carbondale: Southern Illinois University.
- Doll, C. A. (2005). *Collaboration and the school library media specialist*. Lanham, MD: Scarecrow Press.
- Drury, J., & Masters, A. (1998). *The emerging school library media center*. Englewood, CO: Libraries Unlimited.
- Dryfoos, J. (2000). *Evaluation of community schools: Findings to date*. Washington DC: Coalition for Community Schools. Retrieved April 10, 2009, from <http://www.communityschools.org/evaluation/evalbrieffinal.html>
- Durrance, J. C., & Pettigrew, K. E. (2002). *Online community information: Creating a nexus at your library*. Chicago: American Library Association.
- Fitzgibbons, S. A. (2001). School and public library relationships: Déjà vu or new beginnings. *Journal of Youth Services in Libraries*, 14(3), 3–7.
- Graham, P. A. (1967). *Progressive education from Arcady to Academe: A history of the Progressive Education association, 1919–1955*. New York: Teachers College Press, 1967.
- Harkavy, I., & Blank, M. J. (2003). A vision for learning beyond testing and choice. *Reclaiming Children & Youth*, 11(4), 211–215.
- John Dewey Project on Progressive Education. (2002). *A brief overview of Progressive Education*. Retrieved April 10, 2009, from <http://www.uvm.edu/~dewey/articles/proged.html>
- LaMaster, J. (2005). Collaboration of Indiana public and school media center youth services: A survey analysis of current practices. *Indiana Libraries*, 24(1), 38–41.
- Longo, N. V. (2007). *Why community matters: Connecting education with civic life*. Albany: State University of New York Press.
- Macedo, S. (2005). *Democracy at risk: How political choices undermine citizen participation*. Washington, DC: Brookings Institution Press.
- Miller, R. (2002). *Free schools, free people: Education and democracy after the 1960's*. Albany: State University of New York Press.
- Putnam, R. (1995). Bowling alone: America's declining social capital. *Journal of Democracy*, 6, 65–78.
- Ravitch, D. (1983). *The troubled crusade: American education, 1945–1980*. New York: Basic Books.
- Semel, S. F., & Sadovnik, A. R. (1999). "Schools of tomorrow," schools of today: What happened to *Progressive Education*. New York: Peter Lang Publishing.
- Swanson, E. F. (2005). Anchors of the community: Community schools in Chicago. *New Directions for Youth Development*, 107, 55–64.

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