Vol. 68, No. 1, pp. 45-63.

Paraprofessional Support of Students With Disabilities: Literature From the Past Decade

MICHAEL F. GIANGRECO
SUSAN W. EDELMAN
STEPHEN M. BROER
University of Vermont

MARY BETH DOYLE
Vermont Department of Education

ABSTRACT: *This article summarizes and analyzes a set of 43 pieces of professional literature pertaining to paraprofessional supports for students with disabilities published between 1991 and early 2000. Twenty-six nondatabased sources and 17 research studies were included. The findings identify topical gaps in the literature, review the major databased findings, and present implications for the field. The review concludes with suggestions for future research that emphasize the need for more student outcome data, conceptual alignment of roles, training, and supervision, and the exploration of alternatives to paraprofessional supports.*

T[illegible] 10 [illegible] (F[illegible] & P[illegible], 1997). [illegible] *National Resource Center for Paraprofessionals in Education and Related Services* [illegible] 300,000. [illegible] (K[illegible] G[illegible] [illegible], A[illegible] 3, 2000).

[illegible] (J[illegible] & B[illegible], 1993). [illegible] (. 7). [illegible] !

D

1990

Pennsylvania Association for Retarded Citizens v. Pennsylvania (1971)

Individuals with Disabilities Education Act Amendments of 1997 (IDEA) (20 .C. 1400 *et seq.*)

20 .C. 1412 ( )(15)(B)( ).

[illegible] *indirect, direct* [illegible]. D[illegible] *qualified personnel* [illegible]. Q[illegible] (34 CF[illegible] 300.23). [illegible] -D[illegible] & [illegible], 1991).

F[illegible] 3 [illegible] ? A[illegible] *assisting* [illegible] A[illegible]

[illegible] ( ) [illegible] ( ) [illegible]

> *Q[illegible] are contributing to the problem.*

[illegible] ( ) [illegible]

METHOD

Selection Criteria and Procedures

[illegible] J[illegible] (1993) [illegible] ; [illegible] -1993 [illegible] 1991 [illegible] 2000, [illegible] A [illegible] / [illegible] / [illegible] N [illegible] (.g., [illegible] L[illegible] [illegible] IC [illegible] ([illegible] ://[illegible] /), ( ) [illegible]

Parameters of Analysis

[illegible] *Social Science Citation Index*

(*SSCI* [illegible] 1992-A[illegible] 2000) [illegible]
A[illegible] 2000. [illegible]

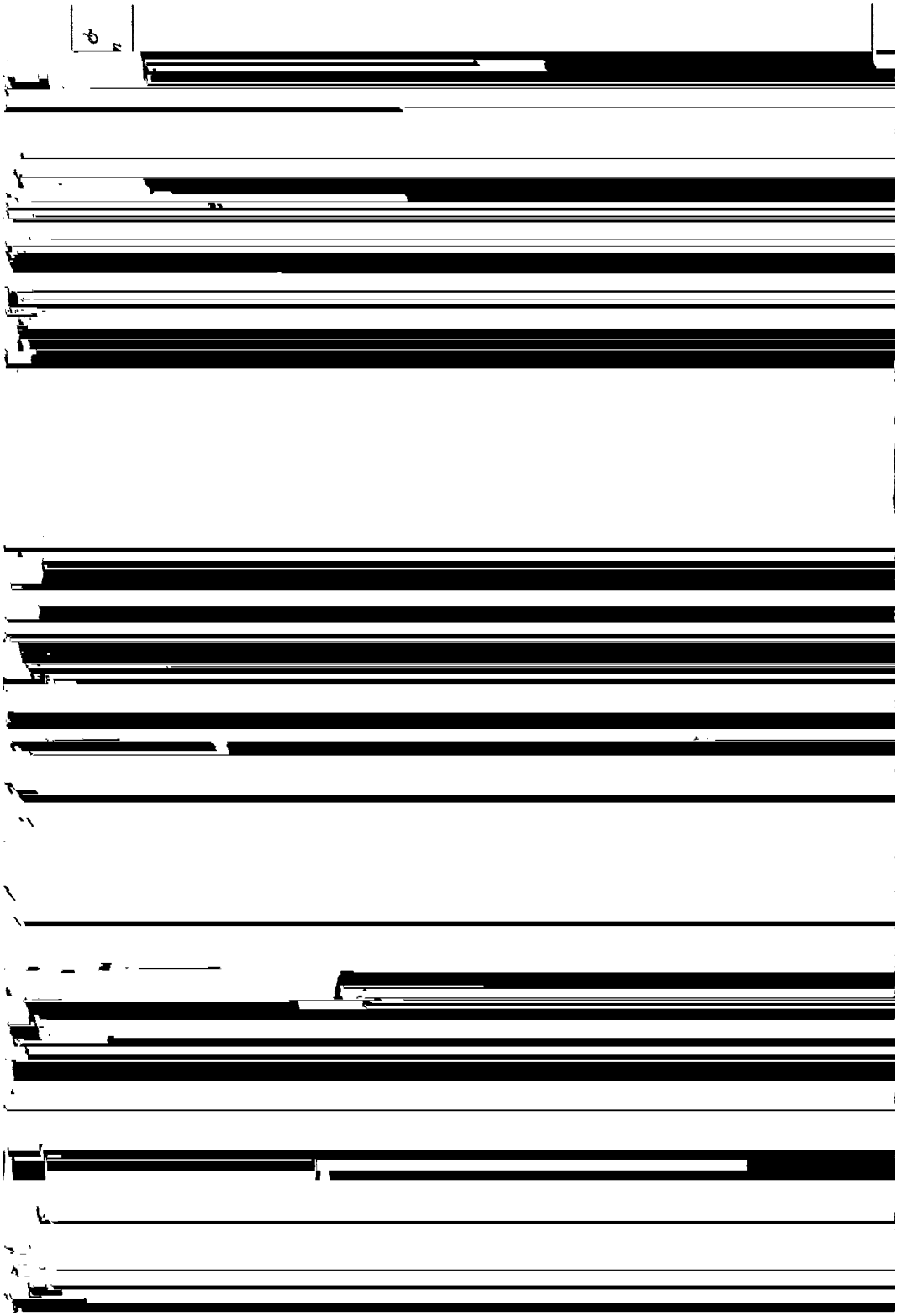
FINDINGS

A[illegible] 1, 2, [illegible] 3, 43 [illegible]
([illegible] 1 [illegible] 2), [illegible] 23 [illegible]
[illegible] 11 [illegible] 3. [illegible]
([illegible] 1 [illegible] 3) [illegible] 12 [illegible]
[illegible] N [illegible] 40% (n = 17) [illegible]
[illegible] 1991 [illegible] 1995;
60% (n = 26) [illegible] 1996 [illegible]
[illegible] 2000.

Nondatabased Literature

	I or U	*Acknowledging*	*Orientation & Training*	*Hiring & Assigning*	*Interactions with Students and Staff*	*Roles & Responsibilities*	*Supervision & Evaluation*
	U		✔	✔			
lerson, & Kottler	U		✔				
1992)	U		✔	✔		✔	
	U					✔	
	U	✔					
	I		✔				
-Martella, Miller, l (1995)	U		✔				
(1995)	U						✔
	I					✔	
ht (1996)	I		✔			✔	
	I					✔	
997)	U		✔				

ngs, U = unspecified



P[illegible] (1994) [illegible] (D[illegible] & M[illegible], 1998).

[illegible] 2000 [illegible] 1991. P[illegible] (B[illegible], 1991; G[illegible], B[illegible], & E[illegible], 1999). P[illegible] (B[illegible], 1991; F[illegible]-C[illegible], 1992; F[illegible] & R[illegible], 1997). [illegible] (B[illegible], 1994; D[illegible], 1997; F[illegible], 1999[illegible], 1999[illegible]; H[illegible], 1996; [illegible] & H[illegible], 1999). P[illegible] (1998).

C[illegible] (F[illegible] & R[illegible], 1997). C[illegible] *actually do* [illegible] *should be* [illegible]. C[illegible] *actually do* [illegible] *should be* [illegible]?

[illegible] N[illegible] J[illegible] C[illegible] L[illegible] D[illegible] (1999) [illegible] ([illegible]. 37). G[illegible], B[illegible], & E[illegible] (1999) [illegible]

[illegible]

DATA-BASED LITERATURE

[illegible] (*n* = 9) [illegible] 41% (*n* = 7) [illegible]

N [illegible] 53% (*n* = 9) [illegible] (D [illegible], [illegible], & C [illegible], 2000; F [illegible], 1998).

[illegible] (1998) [illegible] P [illegible], R [illegible], L [illegible], [illegible] H [illegible] (1994) [illegible] N [illegible] P [illegible] (1994) [illegible]

RESEARCH DESIGNS

[illegible] (*n* = 12) [illegible] 30% (*n* = 5) [illegible] (F [illegible] 1). [illegible] 363 [illegible]

C[illegible], 2000; [illegible] & H[illegible], 1994); D[illegible] (M[illegible], 1993); [illegible] (G[illegible], 1997); [illegible] (M[illegible], & L[illegible], 1999).

A[illegible] 30% (n = 5) [illegible] (1995) [illegible]

[illegible]

[illegible] (1995) [illegible]

[illegible]

G [illegible] (1997) [illegible]

[illegible], M [illegible], & L [illegible] (1999) [illegible]

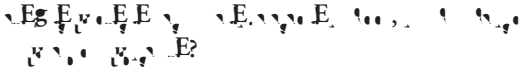
[illegible], K [illegible], [illegible] C [illegible] (1999) [illegible]

[illegible] IDEA, [illegible] IE [illegible] N .

OE [illegible] 1990E [illegible] (B [illegible] ., 1999; F [illegible], 1999; G [illegible] ., 1997; M [illegible], & L [illegible], 1999).

[illegible] (R [illegible], 1999) [illegible] (& B [illegible], 1999; [illegible], 1975).

[illegible] 20 [illegible]



B , G., , D., A , K., & K , B. (1992). A / . *LD Forum, 17*(3), 29-36.

B , L. . (1994). . *Focus on Autistic Behavior, 9*(2), 1-9.

B , L., , K., , M., K , C., & C. (1999). . *The Journal of the Association for Persons with Severe Handicaps, 24,* 249-252.

D , M. A., & M , C. . (1998). . *Rural Special Education Quarterly, 17*(2), 10-15.

D , J., , D., & C , D. (2000). . *Remedial and Special Education, 21,* 171-181.

D , M. B. (1997). *The paraprofessional's guide to the inclusive classroom: Working as a team.* B : P H. B .*

E A H C A (1975). 20 . C. 1400 *et seq.* (E IC D . N . ED 116-425)

, L. (1998). . *Reaching Today's Youth: The Community Circle Caring Journal, 2*(4), 9-12.

-C , F. (1992). H . *British Journal of Special Education, 19*(4), 141-143.

, N. K. (1998). : . *Remedial and Special Education, 19,* 357-368.

, N. K. (1999). #1 P . ? *TEACHING Exceptional Children, 32*(1), 65-69.

, N. K. (1999). #2 P . *TEACHING Exceptional Children, 32*(2), 69-73.

, N. K., & C , E. A. (1993). A ?

[illegible] (J[illegible] 1992-A[illegible] 2000). *Social Science Citation Index.* P[illegible]: A[illegible].

J[illegible] K. H., & B[illegible], [illegible]. N. (1993). [illegible]. *Remedial and Special Education, 14,* 7-14.

K[illegible], [illegible]. A. (1995). [illegible] ADHD. *Intervention in School and Clinic, 30,* 235-240.

K[illegible], E., M[illegible], [illegible], & D[illegible], D. (2000). [illegible]. *TEACHING Exceptional Children, 32*(6), 56-69.

L[illegible], L. L., & H[illegible], J. L. (1991). [illegible]. *British Columbia Journal of Special Education, 15*(1), 1-24.

M[illegible], [illegible], C., & L[illegible], M. (1999). [illegible]? *Exceptional Children, 65,* 315-328.

M[illegible], [illegible]. C., M[illegible]-M[illegible], N. E., M[illegible], C. A., & [illegible], K. [illegible]. (1993). [illegible]. *British Columbia Journal of Special Education, 17,* 33-44.

M[illegible], [illegible]. C., M[illegible]-M[illegible], N. E., M[illegible], L., [illegible], K. [illegible], & M[illegible], C. A. (1995). [illegible]. *TEACHING Exceptional Children, 27*(2), 53-56.

M[illegible], G., & [illegible], [illegible]. (1998). [illegible]. B[illegible]: P[illegible] H. B[illegible].

M[illegible], J. A., & A[illegible], L. (1991). [illegible]. *Teacher Education and Special Education, 14*(4), 248-256.

N[illegible] J[illegible] C[illegible] L[illegible] D[illegible] (1999, M[illegible]). [illegible]. *American Speech and Hearing Association, 41* ([illegible]. 19), 37-46.

P[illegible], P., C[illegible], C., [illegible], [illegible], & M[illegible], J. (1999). [illegible]. *The Journal of the Association for Persons with Severe Handicaps, 24,* 253-256.

P[illegible], G. M. (1994). [illegible]. *Rural Special Education Quarterly, 13*(4), 46-48.

P[illegible], M. B., & [illegible], D. H. (1999). [illegible]. *TEACHING Exceptional Children, 31*(4), 48-55.

P[illegible], P. D., R[illegible], A. L., L[illegible], G., & H[illegible], [illegible]. (1994). [illegible]. *Rural Special Education Quarterly, 13*(4), 3-9.

Pennsylvania Association for Retarded Citizens v. Pennsylvania, 334 F. [illegible]. 1257 (E.D. P[illegible]. 1971); 343 F. [illegible]. 279 (E.D.P[illegible]. 1972).

R[illegible], A. L. (1999). *Strengthening and supporting teacher/provider-paraeducator teams: Guidelines for paraeducator roles, supervision, and preparation.* N[illegible]: N[illegible] (E[illegible] ICD [illegible]. ED 440 506)

R[illegible], A. L., & G[illegible], K. (1997). *Supervising paraeducators in school settings: A team approach.* A[illegible]: P[illegible].*

[illegible], [illegible]. B., & H[illegible], J. [illegible]. (1994). [illegible] *Journal of the Association for Persons with Severe Handicaps, 19,* 32-42.

[illegible], P., & H[illegible], M. (1999). [illegible] *The Journal of the Association for Per-*

[illegible], K., [illegible], D. J., & [illegible], P. [illegible]. (1993). [illegible] *Exceptionality, 4,* 1-16.

[illegible], [illegible]. J., & B[illegible], [illegible]. D. ([illegible]). (1999), *The collected papers of Burton Blatt: In search of the promised land.* [illegible], DC: A[illegible] M[illegible].

[illegible], D. E., & K[illegible], D. (1996). P[illegible] *Intervention in School and Clinic, 31,* 166-171.

[illegible], M., [illegible], G., O[illegible], J., & P[illegible]. (1995). A[illegible] *Remedial and Special Education, 16,* 16-28.

[illegible], M., [illegible] M., C[illegible], N., [illegible], E., & [illegible], L. (1995). [illegible] *Education and Training in Mental Retardation and Developmental Disabilities, 30,* 15-26.

[illegible], [illegible]. (1975). *The origin and nature of our institutional models.* [illegible], N: H[illegible]*

[illegible], B., [illegible], M[illegible] B. [illegible], & K[illegible] D. M. (1997). A[illegible] *Focus on Autism and Other Developmental Disabilities, 12*(1), 31-38, 48.

ABOUT THE AUTHORS

MICHAEL F. GIANGRECO, [illegible], **SUSAN W. EDELMAN**, [illegible], **STEPHEN M. BROER**, [illegible], **MARY BETH DOYLE**, [illegible] 177 H[illegible]

C[illegible] D. M[illegible] F. G[illegible], 101 C[illegible], 450, B[illegible], 05401. E-[illegible]: [illegible]@[illegible]

[illegible] CFDA 84.324M (H324M80229), [illegible] 2000; [illegible] 2001.

BooksNow

* [illegible] 24 [illegible]/365 [illegible] 1 (800) BOOK-NO (266-5766); [illegible] 1 (732) 728-1040; [illegible] :// [illegible] /E[illegible] M/C, AME/[illegible] + $4.95 &H ($2.50[illegible]): C[illegible], 400 M[illegible], L[illegible], NJ 07740; 1-732-728-1040 [illegible] FA/ 1-732-728-7080.

INDE/ OF AD E I E